



VIRGINIA PROVIDER NETWORK (PRN) FILE GUIDE

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Change Log

Date	Version	Author	Description
04/01/2020	6.	Jeff Strand	Added Enrollment Type and Location Name to ServiceLocation segment. Updated field length and optionality to small number of fields
04/15/2020	6.1	Jeff Strand	Slightly corrected naming conventions section
06/15/2020	7.0	Jeff Strand	Updated data types from number to string for several fields. Added section on PRN Full File Extract Processing Section. Updates to 2 edits. Added Appendix C, Certification Type, Added Change Log
04/20/2021	7.1	Jeff Strand	Indicated that the MCOProviderCaseLoads segment should not be updated via the PRN update transaction submitted by MCO/ASO
09/08/2021	7.2	Mike Frost	Updated the ISS ID for ModivCare, documented the TaxonomyCode in the Specialties segment as Optional, revised the examples in Appendix B - File Naming Conventions, added reference to the PRSS Code Value Descriptions spreadsheet in Appendix C – Valid Values.
03/03/2022	7.3	Josh Gernon	Updated field length of OrganizationType field Added new error messages in File Header, Provider, Service Location, MCO Participation, MCO Provider Case Load



Overview

The Provider Network file exchange allows for the electronic communication of new or changed information related to a provider enrolled in the Virginia Medicaid program between the Virginia Provider Services Solution (PRSS) and the MCOs, ASOs or FFS Vendors. The source of the data updates can originate in either the PRSS or within the MCO or ASO systems. The common file exchange structure allows for the timely sharing of that data with each of the affected systems. The PRN files originating from PRSS will express new or changed provider information and will be one directional. MCOs or ASOs may indicate change in the provider contracting status through the PRN. This file exchange will be bidirectional as an update/response pair with updates originating within one of the MCOs. PRSS will produce a response to every MCO Update transaction. MCO's must not produce a response to a PRSS Update transaction. PRN files will be processed once daily excluding weekends and holidays.

It is not expected for PRSS to receive multiple PRN update files daily from the MCOs, however, if the need arises, this can be supported although care must be taken with the transaction ID to ensure the files and transactions are not considered duplicates. Every PRN update record sent to PRSS will return a PRN response record returned to the originating MCO.

PRN Setup and File Considerations

All providers serving Virginia Medicaid members must enroll within the PRSS prior to being included on any payable claim or encounter records. If affected data related to the contracting arrangement of a provider serving a DMAS member is updated within an MCO or ASO system, the MCO/ASO may create a PRN provider update record to share with PRSS identifying that change in data.

The PRN process does not support the enrollment of a provider into the Virginia Medicaid program. The standard DMAS provider enrollment process is required. The PRN files are used to communicate changes in provider data between PRSS and the external entities as well as the method to share which DMAS providers are participating and non-participating in the MCO/ASO's network.

The following table provides trading partner specific information to be used in preparing and evaluating PRN data files and transactions.

Managed Care Organization	Submitter ID	ISS ID	Program	MCO ID	Network ID
Aetna Better Health of Virginia	1014	ABHM	CCCP	M0000000600001	N00000006
Aetna Better Health of Virginia	1044	ABHM	MED4	M0000000500001	N00000005
Anthem HealthKeepers, Inc	1015	ANTM	CCCP	M0000001000001	N00000010
Anthem HealthKeepers, Inc	1045	ANTM	MED4	M0000000900001	N00000009
Magellan Complete Care of Virginia	1016	MAJM	CCCP	M0000000700001	N00000007



Managed Care Organization	Submitter ID	ISS ID	Program	MCO ID	Network ID
Magellan Complete Care of Virginia	1046	MAJM	MED4	M0000000800001	N00000008
Optima Health Plan	1017	OPHM	CCCP	M0000000300001	N00000003
Optima Health Plan	1047	OPHM	MED4	M0000000400001	N00000004
United Healthcare Community Plan	1018	UHCM	CCCP	M0000000200001	N00000002
United Healthcare Community Plan	1048	UHCM	MED4	M0000000100001	N00000001
Virginia Premier Health Plan, Inc	1019	VAPM	CCCP	M00000001100001	N000000011
Virginia Premier Health Plan, Inc	1049	VAPM	MED4	M00000001200001	N000000012

Vendors

Administrative Services Org	Submitter ID	ISS ID	Program	MCO ID	Network ID
Modivcare	1075	NEMT		M00000001400001	N000000014
DentaQuest	1076	DQ		M00000001300001	N000000013
Magellan	1077	BHSA		M00000001500001	N000000015

PRN file considerations include:

- The file format of the PRN Update and PRNR Response files is a JSON (JavaScript Object Notation) formatted file with all information for a given Virginia Provider ID/Service location combination within a single transaction record. If the file is not submitted in JSON file format, the entire file will error off and be rejected.
- JSON is a semi-structured file format that depends on element names and not relative data item order to access and share data. JSON file data is not organized in a pre-defined manner. Different systems may generate the same valid JSON content in different data order.
- The file format is structurally the same for both the update and response files. Valid values of the Action and Purpose attributes differ depending upon the file type and source, but the provider related content does not.
- The default end-date when the segment is not termed (this includes Service Location, MCOParticipations, etc...) is 99991231 and this is the date that must be used for open records.



There are numerous data array objects (segments) within the PRN file that can be repeated multiple times in a transaction. These are identified in the layout.

The number of times a segment can be repeated depends on the data that is submitted in the PRN Update record. For example:

- PRN periodic full file transaction is shared with a Service Address, Billing Address, Mailing Address and Pay To Address. Since 4 different addresses were included, the address segment will be repeated for each of those addresses.
- A JSON array object is essentially a segment that repeats zero to many times. An array object is a collection of data objects. Generally, we will use the word 'segment' to refer to that collection of data objects.
- If a segment is not changing or not applicable to a given provider, please indicate the data array object is null for that specific transaction. . For example:
"GroupAssociations": null,
"Certifications": null,
- For Virginia, all segments on a PRN file originating from an MCO/ASO will be null except Providers; ServiceLocation; MCOParticipations
- If a segment is not empty, then it is important that each of the data objects within that segment are populated. Use null if a specific data object (attribute) is empty for a given segment. For example:
"DateOfDeath": null,
"DegreeCode": null,



File Layouts and Field Definitions

PRN Update/Response File Layout

The file format of the PRN Update/Response file is a JSON file format. The record format is structurally identical for either an Update or Response transaction. Allowable valid values and their meanings in the action fields differ between the two file types.

Allowable “Purpose” Values by file type:

Periodic Notification Full File	
N – Notify. This file is to share all active provider data The action value on every segment will be N(otify)	
Update File	Response File
U – Update. This file is to share added and changed information related to the providers. Update files can originate from PRSS or MCO/ASOs.	R – Response. The data in this transaction is in direct response to the data shared on the corresponding Update transaction matched on the “ProviderLocationId” and “TransactionId”

Allowable “Action” Values by file type:

Update File	Response File
A – Add. Data in this segment is new	A – Accepted. All data in this segment has been accepted without modification
C – Change. Data in this segment has changed	P – Pended. All data in this segment is under review prior to updating the Provider data (Internal Only)
N – Notify. Data on Mandatory segments did not change	I – Ignored / Not Updated. Data in this segment was not used to update the Provider data within the system
R – Removed. This data has been inactivated and logically voided from the system. Only in PRSS supplied daily delta files. Not allowed from trading partners.	A N(otify) Action on an Update file will have an I(gnore) in the response, identifying that no update was made based on that data.



Update File	Response File
	M – Matched. The data on the Add or Change request segment matches the content in the target system
	E – Error. The data on the Add or Change request segment is invalid or incomplete. No change made. If the action is E, then the ActionReason will be populated.

Note: The Remove Action can happen only on daily update records and is very, very rare.

Notes:

The Providers and ServiceLocation segments are mandatory and must be included on each record even if none of the data on these segments is changing. If the data on these segments is not changing, the Action attribute in each of these segments should be set to N(otify), informing the system that no change is expected on these segments. MCO/ASOs should not change the data on these two segments and should always mark these two action values as N.

The other segments are optional and may occur zero (indicated by null) to many times. If the data on a specific optional segment is not changing, please include the segment as null. For example:

"GroupAssociations": null,
"Certifications": null,

If a segment has changing data, then all of the attributes in that segment must be included. Attributes in the segment with no data should be null. For example:

"DateOfDeath": null,
"DegreeCode": null,

For updates originating from MCO/ASOs in Virginia, each of the segments should be returned as null except Providers, ServiceLocation, and MCOParticipations. The MCOProviderCaseLoads segment should be null.



Layout of the PRN Update/Response file

{	
"SubmitterId": "",	
"TransactionDate": "",	
"Purpose": "",	
"Action": "",	Null unless an Error Occurred processing file
"ActionReason": "",	Null unless an Error Occurred processing file
"Providers": [Required, Once per provider service location
{	
"Action": "",	
"ActionReason": "",	Null unless an Error Occurred.
"SubmitterId": "",	
"TransactionId": "",	
"Person": {	Null for non-individuals, Required for individuals
"First": "",	
"Middle": "",	Null if not used.
"Last": "",	
"DateOfBirth": "",	
"DateOfDeath": "",	Null if not used.
"Gender": "",	
"SSN": "",	
"DegreeCode": ""	Null if not used.
},	
"Business": {	Null for individuals, Required for non-individuals
"BusinessName": "",	
"DbaNm": ""	Null if not used.
},	
"EffectiveDate": "",	
"EndDate": "",	



"ServiceLocation": { "Action": "", "ActionReason": "", "ProviderLocationId": "", "ProviderTypeCode": "", "OrganizationType": "", "RevalidationDate": "", "EnrollmentType": "", "LocationName": "", "EffectiveDate": "", "EndDate": "", "NPIAssociations": [{ "Action": "", "ActionReason": "", "NPI": "", "NPIType": "", "EffectiveDate": "", "EndDate": "" }], "IRSTaxIdsAssociations": [{ "Action": "", "ActionReason": "", "IRSTaxId": "", "IRSTaxIdType": "", "EffectiveDate": "", "EndDate": "" }] }	Required, Once per provider service location Null unless an Error Occurred. Null if not used. Null for IG. Repeatable. Null if not needed. Null unless an Error Occurred. Repeatable. Null if not needed. Null unless an Error Occurred.
--	---



```
}  
],  
"Addresses": [ Repeatable. Null if not needed.  
  {  
    "Action": "",  
    "ActionReason": "", Null unless an Error Occurred.  
    "Type": "",  
    "Line1": "",  
    "Line2": "", Null if not used.  
    "City": "",  
    "State": "",  
    "PostalCode": "",  
    "County": "", Required on Service Location address. Null if not used.  
    "PhoneNum": "", Null if not used.  
    "FaxPhoneNumber": "", Null if not used.  
    "EmailAddress": "", Null if not used.  
    "EffectiveDate": "",  
    "EndDate": ""  
  }  
],  
"Specialties": [ Repeatable. Null if not needed.  
  {  
    "Action": "",  
    "ActionReason": "", Null unless an Error Occurred.  
    "SpecialtyCode": "",  
    "SpecialtyPriority": "",  
    "TaxonomyCode": "",  
    "EffectiveDate": "",  
    "EndDate": ""  
  }  
]
```



```
],  
"Taxonomies": [  
  {  
    "Action": "",  
    "ActionReason": "",  
    "TaxonomyCode": "",  
    "EffectiveDate": "",  
    "EndDate": ""  
  }  
],  
"Licenses": [  
  {  
    "Action": "",  
    "ActionReason": "",  
    "LicenseType": "",  
    "LicenseNumber": "",  
    "IssuingStateCode": "",  
    "EffectiveDate": "",  
    "ExpireDate": ""  
  }  
],  
"Certifications": [  
  {  
    "Action": "",  
    "ActionReason": "",  
    "CertificationType": "",  
    "CertificationNumber": "",  
    "IssuingBoard": "",  
    "EffectiveDate": "",  
    "ExpireDate": ""  
  }  
]
```

Repeatable. Null if not needed.

Null unless an Error Occurred.

Repeatable. Null if not needed.

Null unless an Error Occurred.

Repeatable. Null if not needed.

Null unless an Error Occurred.



```
}  
],  
"OtherIds": [                               Repeatable. Null if not needed.  
{  
  "Action": "",  
  "ActionReason": "",                       Null unless an Error Occurred.  
  "IdentifierType": "",  
  "IdValue": "",  
  "CLIAType": "",                           Null if not CLIA ID segment  
  "EffectiveDate": "",  
  "EndDate": ""  
}  
],  
"GroupAssociations": [                     Repeatable. Null if not needed.  
{  
  "Action": "",  
  "ActionReason": "",                       Null unless an Error Occurred.  
  "ProviderLocationId": "",  
  "EffectiveDate": "",  
  "EndDate": ""  
}  
],  
"ProviderWorkArrangement":                 Occurs once. Null if not used.  
{  
  "Action": "",  
  "ActionReason": "",                       Null unless an Error Occurred.  
  "OfficeHours": [                          Null if not used.  
    {  
      "DayType": "",  
      "FromHour": "",
```



"ToHour": ""	
}	
],	
"ProviderCapacity": "",	Null if not used.
"AcceptNewPatients": "",	Null if not used.
"Restrictions": {	Null if not used.
"MinAge": "",	
"MaxAge": "",	
"Gender": ""	
},	
"AfterHoursPhone": "",	Null if not used.
"IncludeInDirectory": "",	Null if not used.
"IsADACompliant": "",	Null if not used.
"NearPublicTransportation": "",	Null if not used.
"ProviderWebsiteURL": "",	Null if not used.
"EffectiveDate": "",	
"EndDate": ""	
},	
"Languages": [Repeatable. Null if not needed.
{	
"Action": "",	
"ActionReason": "",	Null unless an Error Occurred.
"Language": "",	
"LanguageProficiency": ""	
}	
],	
"ProgramEligibilities": [Repeatable. Null if not needed.
{	
"Action": "",	
"ActionReason": "",	Null unless an Error Occurred.



```
"ProgramType": "",
"TerminationCode": "",
"EffectiveDate": "",
"EndDate": ""
}
],
"MCOProviderCaseLoads": [
{
"Action": "",
"ActionReason": "",
"MCOLd": "",
"NetworkID": "",
"IsPrimaryCareProvider": "",
"State": "",
"County": "",
"Specialty": "",
"Waiver": "",
"ProviderCapacity": "",
"AcceptNewPatients": "",
"Restriction": {
"MinAge": "",
"MaxAge": "",
"Gender": ""
},
"EffectiveDate": "",
"EndDate": ""
}
],
"MCOParticipations": [
{
```

Null if not used.

Repeatable. Null if not needed.

Null unless an Error Occurred.

Null if not used.

Null if not used.

Null if not used.

Null if not used.

Null if not used.

Null if not used.

Null if not used. Fill each attribute if used.

Repeatable. Null if not needed.



```
"Action": "",  
"ActionReason": "",  
"MCOId": "",  
"NetworkID": "",  
"ParticipationInd": "",  
"TerminationReason": "",  
"EffectiveDate": "",  
"EndDate": ""  
}  
]  
}  
]  
}
```

Null unless an Error Occurred.

Null if not used.



PRN Update File field definitions

Important Note: JSON does not constrain the individual field lengths in the same way that some other file formats do. Therefore the content shared in the JSON file could be as large as the data in the originating database. Each receiving and processing system will need to take appropriate steps to manage the JSON data compared to their own database constraints. The field size column should be used for guidance, but the data within the file may be as large as the source system allows. For many fields, PRSS will use specific field validation (use of datalists to control content) is indicated in the document as “Constrained to configurable values”.

Field Name	Field Type	Field Size	O – Optional OR Required for:- Individuals C- Corporations A - All S - Situational	Description
PRNFile			A	
SubmitterId	String	30	A	File Submitter ID Note: Constrained to configurable values. Reference Appendix B
TransactionDate	String	8	A	Date Transaction was submitted in YYYYMMDD format
Purpose	String	1	A	This is the purpose or function of this entire file. Values N, U, R
Action	String	1	O	Null unless file could not be processed.
ActionReason	String	500	O	Null unless file could not be processed.
Providers			A	Mandatory Segment. Required with every transaction. Send every attribute. Null individual attributes if appropriate.
Action	String	1	A	This is the type of transaction that will be performed for this data object group. Usually this Action will be a N(otify).
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
SubmitterId	String	30	A	File Submitter ID Note: Constrained to configurable values. Reference Appendix B



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
TransactionId	String	40	A	Transaction Identifier used to match the Update transaction with the Response transaction. Unique per PRN Update file and Provider Service Location. Assigned by the submitter. Note: PRSS uses a GUID (Global Unique ID) which is 36 characters.
Person The Person data object holds the the data which is specific to an individual or sole practitioner.			I, Null if not human.	Data object to hold information specific to humans. Null at person level if not human provider. Null individual attributes that are not filled – such as date of death – if human.
First	String	100	I	Provider’s First Name
Middle	String	100	O	Provider’s Middle Name
Last	String	100	I	Provider’s Last Name
DateOfBirth	String	8	I	YYYYMMDD
DateOfDeath	String	8	O	Date of Death for the Provider. YYYYMMDD Null if still alive
Gender	String	1	I	Male, Female, Unkown
SSN	String	9	I	Provider’s Social Security Number Verified at enrollment and monthly screening
DegreeCode	String	100	O	Send Null if not needed. Designations allow full description.
Business The Business data object holds the the data which is specific to group or facility or non-human entity.			C, Null if human.	This data object holds information specific to businesses and facilities. Null attributes that are not filled.
BusinessName	String	50	C	Provider Name of a Group or Business.
DbaNm	String	50	O	Provider Doing Business As name if different from normal name. Send Null if not needed
End of Business Segment				
EffectiveDate	String	8	A	Date the Provider information became effective in YYYYMMDD format



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
EndDate	String	8	A	Date the Provider information was ended in YYYYMMDD format. (Default date will be 99991231)
ServiceLocation The ServiceLocation data object holds the data which occurs once per provider service location.			A	Mandatory Segment. Required with every transaction. Send every attribute. Null individual attributes if appropriate.
Action	String	1	A	This is the type of transaction that will be performed for this data object group. Usually this Action will be a N(otify).
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
ProviderLocationId	String	14	A	This is the 14 character provider's service location identifier. Note: Constrained to configurable values.
ProviderTypeCode	String	3	A	Provider Type Note: Constrained to configurable values. (Note: reference the VA PRSS Provider Type Specialty Crosswalk)
OrganizationType	String	3	O	This code identifies the proprietary nature of a provider's practice. (sample values): C-Corporation H-Hospital Based Physician P-Partnership S-Sole Proprietor G-Government Owned N-Not For Profit O-Privately Owned I-Individual Note: Optional. Constrained to configurable values.



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
RevalidationDate	String	8	O	Date the Provider is next due for revalidation YYYYMMDD format. Null the data object if the revalidation data is unknown.
EnrollmentType	String	2	A	Enrollment type code of the provider. Possible enrollment types are I, IG, O, G, F, AT
LocationName	String	50	S	Location name of the provider. Null if enrollment type is IG.
EffectiveDate	String	8	A	Date the Service Location information became effective in YYYYMMDD format
EndDate	String	8	A	Date the Service Location information was ended in YYYYMMDD format. (Default date will be 99991231)
NPIAssociations data object - National Provider Identifier			Situational, Null if not needed, fill completely if used	This data object contains the NPI number and type for the provider.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
NPI	String	10	A	Provider NPI that is being submitted Verified during enrollment and screening
NPIType	String	1	A	Type 1 - Individual or 2 – Facility / Organization Note: Constrained to configurable values.
EffectiveDate	String	8	A	Date the NPI became effective in YYYYMMDD format
EndDate	String	8	A	Date the NPI was ended in YYYYMMDD format. (Default date will be 99991231)



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
IRSTaxIdsAssociations - Tax Identifier associated with this provider service location			Required on Full file, may be null on others	This data object represents the Federal Tax ID and type for the provider. NOTE: The TaxID segment will be null on an individual of a group. They inherit the group Tax ID and do not hold their own in PRSS.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
IRSTaxId	String	9	A	Provider's Tax ID or EIN number Verified during enrollment and screening.
IRSTaxIdType	String	5	A	The type of Tax Identifier - SSN or EIN Note: Constrained to configurable values.
EffectiveDate	String	8	A	Date the Tax ID became effective in YYYYMMDD format
EndDate	String	8	A	Date the Tax ID was ended in YYYYMMDD format. (Default date will be 99991231)
Addresses (This data object can be repeated once for each address type per non-overlapping date segment) - Address			Required on Full file, may be null on others	NOTE: Individuals of a Group do not have their own addresses. They inherit the addresses from the one to many groups they belong to. The Address section will be null on individuals of a group.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
Type	String	1	A	Address Type (sample values) S-Service Location M- Mail To P- Pay-To R- Remit to C- Contact Address I – IRS Address D – Doing Business As Contact – Contact Address Note: Constrained to configurable values.
Line1	String	100	A	Street Address 1 for Address Type listed Most addresses verified by Address Doctor. Can be overridden.
Line2	String	100	O	Street Address 2 for Address Type listed
City	String	100	A	City for Address Type listed
State	String	2	A	State for Address Type listed
PostalCode	String	9	A	Use a 9 digit zip code. Zero fill the last 4 digits if unknown. Note: business processing will constrain data from PRSS to be null or 9 numeric values.
County	String	3	*Required for Service Address only. Null or optional for all others.	Federal designated County Code for the County the Provider performs services. https://www.mdreducation.com/pdfs/US_FIPS_Codes.xls Note: This is the 3 digit FIPS county for the provider service address. Null on other address types. Note: Constrained to configurable values.
PhoneNum	String	15	O	This is a phone number using numeric digits only.



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
FaxPhoneNumber	String	15	O	This is the fax number using numeric digits only.
EmailAddress	String	150	O	This is the email address of the provider.
EffectiveDate	String	8	A	Date the address became effective in YYYYMMDD format
EndDate	String	8	A	Date the address was ended in YYYYMMDD format. (Default date will be 99991231)
Specialties (This is a repeatable data object)			Required on Full file, may be null on others	This data object holds the provider specialties and their priority.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
SpecialtyCode	String	3	A	Provider Specialty Note: Constrained to configurable values. (Note: reference the VA PRSS Provider Type Specialty Crosswalk)
SpecialtyPriority	Number	3	A	Specialty Priority for this listing 1 – Primary Specialty 0– All other Specialties Note: Constrained to configurable values. There must be exactly one primary specialty on any given day.
TaxonomyCode	String	10	O	Taxonomy for this Specialty Note: a valid taxonomy is 10 characters long. Note: Constrained to configurable values.
EffectiveDate	String	8	A	Date the Specialty became effective in YYYYMMDD format
EndDate	String	8	A	Date the Specialty was ended in YYYYMMDD format (Default date will be 99991231)



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
Taxonomies (This is a repeatable data object)			Optional, null if not used	This data object holds the provider taxonomies not directly tied to a specialty.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
TaxonomyCode	String	10	A	Taxonomy that is not affiliated with a specific Provider Specialty. Note: a valid taxonomy is 10 characters long. Note: Constrained to configurable values.
EffectiveDate	String	8	A	Date the Taxonomy became effective in YYYYMMDD format
EndDate	String	8	A	Date the Taxonomy was ended in YYYYMMDD format (Default date will be 99991231)
Licenses data object (This is a repeatable data object) *		-	Situational, Null if not needed, fill completely if used	This represents the licenses associated with this provider
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
LicenseType	String	10		This represents the issuing board for the license. Note: This field is not mapped in the PRSS database at this time and nulls will be sent. The license issuing board field is 80 bytes. Note: Constrained to configurable values.
LicenseNumber	String	25	A	License number assigned by the issuing entity.
IssuingStateCode	String	2	A	State the License is registered in.



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
EffectiveDate	String	8	A	Date the License became effective in YYYYMMDD format
ExpireDate	String	8	A	Date the License or Certification expires in YYYYMMDD format
Certifications data object (This is a repeatable data object) *		-	Situational, Null if not needed, fill completely if used	This represents the licenses or certifications associated with this provider
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
CertificationType	String	100	O	Certification type represented by this number. Note: Constrained to configurable values.
CertificationNumber	String	25	O	Certification number assigned by the issuing entity. See Appendix C for list of values configured for VA.
IssuingBoard	String	25	O	Certification body issuing the license or certification. Send null if unknown. Note: This field is not mapped in the PRSS database at this time.
EffectiveDate	String	8	A	Date the Certification became effective in YYYYMMDD format
ExpireDate	String	8	A	Date the Certification expires in YYYYMMDD format
OtherIds data object (This is a repeatable data object) * Other Identifiers	-	-	Situational, Null if not needed, fill completely if used	Send an empty data object if there are no changes.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
IdentifierTypeID	String	50	A	This is an identifier for the type of assigned number being sent (sample values) CAQH- CAQH CLIA- CLIA DEA- DEA API – Atypical Provider ID Note: Constrained to configurable values. Note: Some identifier types allow for multiple overlapping values for the same Identifier type. (Same IdentifierTypeID, overlapping dates, different IdValue)
IdValue	String	25	A	Identifier assigned to the provider from the issuing entity. Note: Constrained to configurable values. DEA and CLIA validated during screening.
CLIAType	String	25	O	This is the CLIA waiver type. Null if not CLIA ID segment Note: Constrained to configurable values. 1 – Compliance 2 – Waiver 3 – Accreditation 4 – PPMP 9 - Registration
EffectiveDate	String	8	A	Date the identifier became effective in YYYYMMDD format
EndDate	String	8	A	Date the identifier expires in YYYYMMDD format



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
GroupAssociations data object (This is a repeatable data object) * Group			Situational, Null if not needed, fill completely if used	Send null if there are no changes or the provider does not belong to a group. MCOs should not change this data. Send a null segment. NOTE: On the full PRN file this segment will show associations both ways. Groups will point to Individuals of a Group and vice versa. Facilities will point to linked OPRs and vice versa.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
ProviderLocationId	String	14	A	Service Location ID of the Group or Facility that the Provider is a member of. Note: The group association goes both directions. Individuals of a Group will show all Groups they belong to. Groups will show all Individuals of a Group that participate with them. The same with OPR vs Facility.
EffectiveDate	String	8	A	Date the group affiliation began in YYYYMMDD format.
EndDate	String	8	A	End date of group affiliation in YYYYMMDD format.
ProviderWorkArrangement data object - Provider Work Arrangement			Optional, Null if not used	All restrictions in this data object does not relate to a PCP arrangement. These are the patient preferences identified by this provider. MCOs should not change this data. Send a null segment.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
OfficeHours: Repeatable segment. This subdata object is used to describe the non-standard office hours at this location.	JSON data object		O	Null this data object if the provider has normal office hours or there is no change in office hours. Use this data object if the provider is open nights, weekends or other hours.



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
DayType	String	15	O	Text string that represents the days the office is open for business. Null if standard operating hours. Note: Constrained to configurable values.
FromHour	String	8	O	Text string that represents when the office opens. Note: Constrained to configurable values.
ToHour	String	8	O	Text string that represents when the office closes. Note: Constrained to configurable values.
End of OfficeHours Segment				
ProviderCapacity	String	6	O	Total number of patients that could be assigned to this Provider. Panel Size. This is PRSS-wide capacity, not in relationship to any specific MCO. Only numeric characters allowed.
AcceptNewPatients	String	2	O	Value = (P7 – Accepting Existing Patients, P8 – Accepting New Patients, ZZ – Accepting Family Members) Note: Constrained to configurable values.
Restrictions This subdata object is used to describe the restrictions on types of patients seen by this provider.	JSON data object		S	This subdata object is used to describe the restrictions on types of patients commonly seen by this provider. If there are no restrictions, null this data object.
MinAge	String	3	O	Age- Low Range 0 - 999
MaxAge	String	3	O	Age- High Range 0 - 999
Gender	String	1	O	Male, Female, No Restriction Male- M Female- F No Restriction – N Note: Constrained to configurable values.
End of Restrictions Segment				



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
AfterHoursPhone	String	200	O	Note: This is a open text description of the After Hours Arrangement for the provider.
IncludeInDirectory	Boolean	1	O	Boolean. In JSON this is :true or :false
IsADACompliant	Boolean	1	O	Boolean. In JSON this is :true or :false
NearPublicTransportation	Boolean	10	O	Boolean. In JSON this is :true or :false
ProviderWebsiteURL	String	250	O	Website URL for group or provider
EffectiveDate	String	8	A	Date the values in the ProviderWorkArrangement became effective in YYYYMMDD format
EndDate	String	8	A	Date the values in the ProviderWorkArrangement became ended in YYYYMMDD format
Languages data object (This is a repeatable data object) - Languages			Situational, Null if not needed, fill completely if used	This data object is primarily for non-english languages available at the provider location. Use the English language qualifier only if English is not available at the Provider Location.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
Language	String	20	A	Language spoken in provider’s office This data object is primarily for non-English languages available at the provider location. Use the English language qualifier only if English is not available at the Provider Location. Note: Constrained to configurable values.
LanguageProficiency	String	1	A	Value = A – Fluent B – Good C – Fair



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
				D – Poor E – Unacceptable Note: Constrained to configurable values. Does not actually exist on the database. Not stored. All languages populated as fluent.
ProgramEligibilities data object. (This is a repeatable data object)			Situational, Null if not needed, fill completely if used	This data object expresses the time period that this provider is enrolled to serve Virginia Beneficiaries. MCOs should not change this data. Send a null segment.
Action	String	1	A	This is the type of transaction that will be performed for this data object group.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
ProgramType	String	50	O	Indicates which Virginia eligibility program the provider is enrolled in. This is not a participation with MCO network data object. Program Types that are directly identified as Managed Care are excluded from this segment. The Managed Care Participation segment is lower in the record and will only be shared with the specific MCO. Note: Constrained to configurable values.
TerminationCode	String	200	O	This is the Contract (Program) Status. It indicates the contract status is active or the reason for any change including termination.
EffectiveDate	String	8	A	Date the Provider Eligibility started in YYYYMMDD format



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
EndDate	String	8	A	Date the Provider Eligibility ended in YYYYMMDD format.
MCOPROVIDERCASELOADS data object (This is a repeatable data object) - Provider Caseload			Situational, Null if not needed, fill completely if used	Note: This data object is reflects the contracting arrangements of this provider in relationship to the MCO/ASO, not the PRSS. It is to reflect capacity and other restrictions that this provider / MCO relationship. This segment should be Null on an update record submitted by an MCO.
Action	String	1	A	This is the type of transaction that will be performed for this data object group. MCOs should not send this segment populated.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
MCOId	String	14	A	MCO Service Group ID
NetworkID	String	20	A	The Network ID the provider is associated to. This is the Virginia-specific Network ID. Required if the segment is populated.
IsPrimaryCareProvider	Boolean	1	O	Boolean. In JSON this is :true or :false
State	String	2	O	The US Postal Code for the State if needed.
County	String	3	O	The FIPS county code for this specific capacity if needed. Note: Constrained to configurable values.
Specialty	String	3	O	The provider specialty associated to the reported capacity if needed. Note: Constrained to configurable values.
Waiver	String	50	O	The waiver code for the reported capacity if needed.
ProviderCapacity	String	6	S	Total number of patients that could be assigned to this Provider. Panel Size. This is specific to the County, Specialty, Waiver if they are not null. It is the total capacity if those fields are null. Only numeric characters allowed.
AcceptNewPatients	String	2	S	Value = (P7 – Accepting Existing Patients, P8 – Accepting New Patients, ZZ – Accepting Family Members)



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
				Note: Constrained to configurable values.
Restriction This subdata object is used to describe the restrictions on types of patients commonly seen by this Provider.	JSON data object		S	This data object is used to describe the restrictions on types of patients commonly seen by this provider by the MCO/ASO. If there are no restrictions for that provider, null the data object. If any element is sent, all must be non-null.
MinAge	String	3	A	Age- Low Note: Constrained to configurable values. Range 0 - 999
MaxAge	String	3	A	Age- High Note: Constrained to configurable values. Range 0 - 999
Gender	String	1	A	Male, Female, No Restriction, Both Male- M Female- F No Restriction – N Both - B Note: Constrained to configurable values.
End of Restriction Segment				
EffectiveDate	String	8	A	Date the values became effective in YYYYMMDD format. Must be non-null if the segment is not null.
EndDate	String	8	A	Date the values became ended in YYYYMMDD format. Must be non-null if the segment is not null.
MCOParticipations data object (This is a repeatable data object)			Situational, Null if not needed, fill completely if used	This data object describes whether or not the provider participates in the target ASO/MCO's network or not.



Field Name	Field Type	Field Size	O – Optional OR Required for: I- Individuals C- Corporations A - All S - Situational	Description
Action	String	1	A	This is the type of transaction that will be performed for this data object group. From an ASO/MCO the only allowable value is C.
ActionReason	String	500	S	This attribute carries any message associated with the action. Generally, it will be Null. It will be populated if the action is E(rror).
MCOId	String	14	A	MCO Service Group ID
NetworkID	String	20	A	The Network ID the provider is associated to. This is the Virginia-specific Network ID. Required if the segment is populated.
ParticipationInd	String	5	A	Indicate if the provider is a participating or a non-participating with the MCO. Note: This is a text string, not Boolean. Valid values are “True” or “False”.
TerminationReason	String	200	O	Currently Null. Will be updated in the future to hold the contracting reason from the MCO Note: Constrained to configurable values.
EffectiveDate	String	8	A	Date the Provider Network Participation Began with the MCO in YYYYMMDD format
EndDate	String	8	A	Date the Provider Network Participation Ended with the MCO in YYYYMMDD format

PRN Full File Extract Processing

The PRN Full file process reads the Provider Service Location aggregate to produce the PRN Full file.

The initial selection criteria is that the Provider Service Location must have at least one contract that is active and in effect on the day the PRN Full file is run.

Given that condition, the following data is extracted:

- 1) All inactive segments are excluded. Only active data is considered.
- 2) All data with an end date earlier than the system date is excluded.



From there, generally, the provider segments will extract and include on the PRN Full file all data where the end date is on or after the system date.

Some segments – such as Providers, ServiceLocation and Tax ID are not really date driven. There cannot actually be a “future entry” for those segments.

Address will show the latest address per address type. That date could be in the future.

This is the breakdown by segment

"Providers":	Current
"ServiceLocation":	Current
"NPIAssociations":	Primary NPI (only one allowed)
"IRSTaxIdsAssociations":	Current
"Addresses":	Latest of each address type
"Specialties":	Current and future
"Taxonomies":	Current and future
"Licenses":	Current and future
"Certifications":	Current and future
"OtherIds":	Current and future
"GroupAssociations":	Current and future
"ProviderWorkArrangement":	Current
"Languages":	Not truly date related
"ProgramEligibilities":	Current and future
"MCOProviderCaseLoads":	Current only
"MCOParticipations":	Current



Special Data Rules for Individuals of a Group

Within PRSS, an individual of a group has special data considerations. Since they are not able to bill and must be associated to one to many groups, the IG provider does not hold its own Tax ID information or any address data. It logically (but not physically) inherits both from the group provider. **As such, both of these segments will be null on the PRN outbound files.**

PRN Update File

- The update file will always be automatically pushed from the originating submitter.
- The update file will include one to many "Providers" transactions in a single file.
- Only one transaction may exist per provider/service location on a given file.
- The "Purpose" data object on an update file will be U(pdate). Since all PRN files have the same format, the business intent for the file is in the "Purpose" data object. The periodic full PRN Notify file of all active Virginia Providers will have a Purpose = (N)otify.

PRN Update Transactions

- Update transactions occur on either the Daily File published from PRSS to the trading partners or from the trading partners to PRSS. Both the inbound and outbound update transactions for existing providers follow the same rules.
- An Add Record transaction from PRSS will include all current, appropriate, available data for each segment. If there is no data available for a segment, the segment will be null.
- An Update Record transaction should only include completed segments for information that is new or changed except for the required, mandatory segments which are submitted on every transaction. Every Update Transaction from PRSS will include the required data for the "Providers" and "ServiceLocation" data objects. These are identified as the "mandatory segments". Every Update Transaction from an MCO/ASO must include the required data for the "Providers" and "ServiceLocation" data objects. All valid data for a given segment must be included if the segment is included. If none of the data in a mandatory segment has changed, the action on the segment will be (N)otify. This tells the receiving system that this mandatory segment has not been changed and no update to this data is expected. If the data in these segments has changed on a file from PRSS, it will have an (A)dd or (C)hange action. If no data is available or changing for an JSON array object (segment), please null the segment.



- MCO/ASOs should ONLY use the action of (C)hange on the MCO related segments on an update request. No other action is valid.
- Each PRN transaction must have a unique "TransactionId" which will be used to match the response transaction for the same provider / service location update.
- Most segments are repeatable. There can be zero to many occurrences of a segment on a single transaction. Not all of the action codes for the same segment type need to be the same within the same TransactionID. For instance, one segment can have a "change" action to end date the segment and the next segment of the same type can have an "add" action to set a new value with subsequent dates.

PRN Daily File Example

The PRN Daily change file is used to share new providers or updates to existing providers. If the provider is new, all of the available information in every segment will be shared. The action will be "Add" on every segment that is populated. The segments with no valid data for this service location will be shared as Null.

If the PRN Daily file is sharing updates for a specific provider service location, only the minimum information will be included. The mandatory segments (Providers and ServiceLocation) will be populated with an Action = "Notify". In addition, ONLY the data for segments that are new or changed will be populated. The Action will be "Add" for new data and "Change" for updates to existing data. All of the other segments will be shared as Null.

For example, an existing provider has a full PRN record. Each of the segments, including Addresses, Taxonomies and MCOParticipation are populated in the full record.

This provider has 3 addresses on the full PRN – Service Location, Pay To, Mail To. If the provider updated their Mail To address and adds a taxonomy, then the daily file will have fully populated mandatory segments (Providers and ServiceLocation) with an Action = "Notify". The addresses segment will be populated with the new Mail To address with an Action – "Change". The address segment will not include information on any other address type. The Taxonomies segment will be populated with one segment with an action of "Add". Any previously existing taxonomies will not be included. All other segments in the update transaction will be null.

PRN Response File

- PRSS will produce a response record for each update record originated by the MCO/ASO.



- The MCO/ASO must not produce a response record for an update record originated by PRSS.
- The "Purpose" element on a response file will always be R(esponse).
- The "SubmitterId", "ProviderLocationId" and "TransactionId" will be used to match the originating Update request to the corresponding Response transaction.
- Since some PRN update transactions may require manual review, the response file does not need to include a response for every transaction on the corresponding update file (file balancing not necessary). Every PRN Update from an MCO/ASO will return a PRN Response on the same or a subsequent day.
- The "Action" code for a given transaction or segment applies to all data in that segment. Allowable values are A(ccepted), P(ended, internal value only), M(atched), N(otify), I(gnored, Not updated), E(rror– the data was invalid or non-processable).

PRN Participating vs Non-Participating Considerations

- An add or change transaction for a provider service location originating from PRSS will be sent to every receiver of the PRN.
- The "MCOParticipations" segment will inform the MCO/ASO if this provider is participating in this specific MCO's network.
- MCO specific "MCOParticipations" data contained within an add or change transaction originating from an MCO/ASO will not be shared with other trading partners.
- An MCO/ASO may choose to ignore all updates for providers who are not participating in their network.
- The "MCOId" in the "MCOParticipations" and "MCOProviderCaseLoads" segment will be the 14 character MCO ID assigned by PRSS. The "NetworkID" is also assigned by PRSS.



Things to note when ASO/MCOs create PRN update transactions:

The PRN process can not be used to establish a new provider in the PRSS. It can only be used to share data updates for providers already enrolled in the PRSS.

MCO/ASOs should not update the following segments. They should all be null on a file that originates from an MCO/ASO.

- NPIAssociations
- IRSTaxIdsAssociations
- Addresses
- Specialties
- Taxonomies
- Licenses
- Certifications
- OtherIds
- GroupAssociations
- ProviderWorkArrangement
- Languages
- ProgramEligibilities
- MCOProviderCaseLoads

MCO/ASOs should include the following information:

- The Providers and ServiceLocation segments should be reflected back exactly as received from the PRSS except for the Action: which should be N(otify).
- The MCO/ASO is expected to share the information in the MCOParticipations.
- Only create a PRN transaction if one of these segments changes. Fill out the changed segment completely. Use an Action of C(hange) for these segments.
- End-dating a provider's participation is accomplished by including two MCOParticipations segments. One segment will reflect the "True" relationship of when the provider was participating and the second segment will reflect the "False" relationship of when the provider was not participating. For example,



If the PRN Full File had this segment where a provider was participating from 06/01/2018 with an end of time EndDate (12/31/9999):

```
"MCOParticipations": [{  
    "EffectiveDate": "20180601",  
    "EndDate": "99991231",  
    "MCOId": "M0000001200001",  
    "NetworkID": "N00000012",  
    "ParticipationInd": "True",  
    "TerminationReason": null,  
    "Action": "N",  
    "ActionReason": null  
    }  
],
```

The PRN Update file would look like this if the provider's participation is ended on 05/31/2020 where the "True" segment has the new end date followed by a "False" segment with the date the provider is no longer participating through end of time EndDate of 12/31/9999) :

```
"MCOParticipations": [{  
    "EffectiveDate": "20180601",  
    "EndDate": "20200531",  
    "MCOId": "M0000001200001",  
    "NetworkID": "N00000012",  
    "ParticipationInd": "True",  
    "TerminationReason": null,  
    "Action": "C",  
    "ActionReason": null  
    }, {  
    "EffectiveDate": "20200601",  
    "EndDate": "99991231",  
    "MCOId": "M0000001200001",  
    "NetworkID": "N00000012",  
    "ParticipationInd": "False",  
    "TerminationReason": null,  
    "Action": "N",  
    "ActionReason": null  
    }  
],
```



```
    "MCOId": "M0000001200001",  
    "NetworkID": "N00000012",  
    "ParticipationInd": "False",  
    "TerminationReason": null,  
    "Action": "C",  
    "ActionReason": null  
  },  
}
```

PRN Inbound Processing Detail

Overview:

PRN Transaction

MCO/ASO's can inform PRSS of updates to their contracting relationship with Virginia enrolled providers using the PRN Inbound file process. If the MCO/ASO has a change in contracting data for an enrolled provider service location, then the MCO/ASO should generate an inbound PRN transaction. The PRN file is in JSON format with multiple segments per transaction. A given PRN file must only have one occurrence of any Provider Service Location. All relevant changes to the data related to the provider service location should be included in the PRN transaction. The Purpose attribute of an inbound PRN transaction must be U(pdate).

The PRN file is a segmented file. The Provider and Service Location segment occur exactly once per provider service location and must be included on every transaction, even if none of the data on these segments has changed. Each of the other segments may occur 0 (null) to many times. If there is no change for a given segment, the segment should be null.

Expected action codes on an inbound PRN transaction:



Code	Meaning
A(dd)	Data on this segment is new.
C(hange)	Data on this segment has been changed
N(otify)	Used to identify that no changes were expected or made to this mandatory segment. The Provider and Service Location segments are mandatory but not expected to change frequently. The N(otify) action signals that update logic does not need to be applied.

Note: For the MCOParticipations segments the only valid action is a “C”. All other action will generate an error. For all other segments, both add and change actions will be treated the same. An attempt will be made to incorporate that data into the MMIS data if allowed by business policy.

More detailed processing instructions are below.

PRN Response

PRSS will build a PRN response transaction for every PRN transaction received. The response will be returned to the originating MCO/ASO. The data on the PRN response record will be identical to the data on the PRN transaction with the exception of the Purpose, segment Action attributes and the ActionReason in the case of an error. The Purpose on the response file will be R(espone). The Action values on any given segment will be from this list:

Code	Meaning
A(ccepted)	Data on this segment was applied to the MMIS database
E(rror)	Data on this segment was incomplete or not allowed. No update was made for this segment
I(gnored)	Data on this segment was not applied to the MMIS database
M(atched)	Data on this segment already exists on the MMIS database and no update was made



P(end)	Internal only code to signify that human involvement is required on this change
--------	---

Note: If the Action of a segment is E, then a clear, human readable ActionReason will be presented.



Inbound PRN Processing

The inbound PRN file must pass the following File Validation steps:

- The file format is valid JSON
- The submitter ID is a valid submitter
- The transaction date is valid
- The Purpose is U(pdate).
- The submitter ID on every transaction must match the submitter ID on the file header. This allows sending the response record back to the originating submitter even if delayed due to workflow.

Standard Processing

All data between the Provider segment and the following Provider segment is considered a transaction and contains all of the relevant data for the given provider service location. One to many provider transactions can be on a given PRN file. Only updates to an already enrolled provider service locations are allowed.

Data that is not allowed to be changed via the PRN process.

In Virginia, the following data cannot be changed via the PRN process for a given Provider Service Location. Standard enrollment processes are required if any of these fields change:

1. Provider Service Location ID – the PRN cannot be used to enroll a new provider
2. Provider Type
3. Provider Tax ID

Attempts to change any of these attributes will result in an error set on the transaction with a meaningful message and all of the other segments set to ignore. No update to the database will be attempted.

Special Processing for PRN Service Location Segment



Match on Service Location ID.

If the Service Location ID on the PRN transaction is not found on the MMIS database, mark the Service Location segment action as E(rror). Indicate Provider not found on ActionReason. Mark all other segment action codes as I(gnore) and do not attempt any updates.

Return a Response Record.

Every inbound PRN transaction will result in a Response PRN transaction. However, since human intervention may be needed in some cases in the future, the Response PRN transaction may not be on the next response file. However, initially, every record will be returned the next day.

Every attribute in the PRN response record will be identical to the corresponding PRN update record except for the segment action codes. MCO/ASOs may match the Update / Response pairs via the combination of Service Location ID and Transaction ID.

Response transactions will be sent to the MCO/ASO identified in the Submitter ID attribute of the inbound PRN file.

An inbound PRN transaction from an MCO/ASO should look similar to this:

```
{
  "SubmitterId": "8553441",
  "TransactionDate": "20190403",
  "Purpose": "U",
  "Action": null,
  "ActionReason": null,
  "Providers": [{
    "Action": "N",
    "ActionReason": null,
    "SubmitterId": "8553441",
    "TransactionId": "9da97eb5-92f7-4648-a9d4-b46289d4dd93",
    "Person": {
```



```
"First": "FRANCIS",  
"Middle": null,  
"Last": "KOOPMAN",  
"DateOfBirth": "19580320",  
"DateOfDeath": null,  
"Gender": "M",  
"SSN": "valid ssn",  
"DegreeCode": null  
},  
"Business": null,  
"EffectiveDate": "20061019",  
"EndDate": "99991231",  
"ServiceLocation": {  
  "Action": "N",  
  "ActionReason": null,  
  "ProviderLocationId": "30004017360001",  
  "ProviderTypeCode": "010",  
  "OrganizationType": "H",  
  "RevalidationDate": null,  
  "EnrollmentType": "I",  
  "LocationName": "ENT Associates LLC",  
  "EffectiveDate": "20061019",  
  "EndDate": "99991231",  
  "NPIAssociations": null,  
  "IRSTaxIdsAssociations": null,  
  "Addresses": null,  
  "Specialties": null,  
  "Taxonomies": null,  
  "Licenses": null,  
  "Certifications": null,
```



```
"OtherIds": null,  
"GroupAssociations": null,  
"ProviderWorkArrangement": null,  
"Languages": null,  
"ProgramEligibilities": null,  
"MCOProviderCaseLoads": null,  
"MCOParticipations": [{  
    "Action": "C",  
    "ActionReason": null,  
    "MCOId": "M0000050300001",  
    "NetworkID": "N00000163",  
    "ParticipationInd": "true",  
    "TerminationReason": null,  
    "EffectiveDate": "20190101",  
    "EndDate": "99991231"  
}]  
}  
]  
}
```



Section 2: Appendix A: Error Message by Segment

PRN Header Segment

Segment	Error Message	Caused When	Results In	Resolution Method
File Header	The Submitter ID has no value - File not processed	The Submitter ID is empty or null.	An error occurs and the file is not processed.	Submitter ID must not be null. Enter a valid Submitter ID.
	Invalid Submitter ID - File not processed	The Submitter ID has a value not found in the control list.	An error occurs and the file is not processed.	Enter a valid Submitter ID.
	Invalid Purpose - File not processed	The Purpose is not set to U(pdate).	An error occurs and the file is not processed.	Set the Purpose to U. The Purpose must be U for an inbound PRN file.
	Submitter ID in all transactions does not match file Submitter ID	The same submitter ID is not in every transaction and the file header.	An error occurs and the file is not processed.	Include the same submitter ID in all transactions and the file header.



Providers Segment

Match fields:

For Individual Provider-(First Name, Middle Name, Last Name, DOB, DOD, SSN).

For Business Provider (Business Name, DBA Name).

Segment Name	Error Message	Caused When	Results In	Resolution Method
Provider	Provider Submitter ID is invalid	The Submitter ID is empty or null.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter a valid Submitter ID.
	The Provider Submitter ID does not match.	The Submitter ID in the Provider Segment doesn't match with Submitter ID in the PRN file header segment.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter a Provider Submitter ID that matches the PRN Submitter ID.
	The Provider Transaction ID is invalid.	The Transaction ID is empty or null.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter a valid Transaction ID. NOTE: The transaction ID must be included and unique for each record.
	The Provider Action is Invalid.	The Action Field has no value or has a value other than 'N'(Notify) Or 'C'(Change).	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	The Action must be "N" or "C" in the Provider Segment. It is not allowable to add or remove Provider level data via PRN.



Segment Name	Error Message	Caused When	Results In	Resolution Method
Provider	The Provider Business and Person segments are both missing. One or the other must be provided.	The Business and Person both are null.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Provide either the Business or Person segment for the PRN transaction.
	The Provider Business Name is required.	The Business segment is supplied and the Business Name is null or empty.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Supply the Business Name when sending the Business segment.
	The Provider Person segment fields (First Name, Last Name, BirthDate and SSN) are required.	The Person segment is supplied and the First Name, Last Name, BirthDate and SSN are null or empty.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Supply the First Name, Last Name, BirthDate and SSN when sending the Person segment.
	First name contains invalid characters.	The name contains non-acceptable characters. Acceptable characters include [A-Z], [a-z], embedded spaces and characters [' , . -]. The characters ; * : ~ < > % are not allowed.	This segment's Action is set to E.	Correct the name to only include valid characters.
	Last name contains invalid characters.	The name contains non-acceptable characters. Acceptable characters include [A-Z], [a-z], embedded spaces and characters [' , . -]. The characters ; * : ~ < > % are not allowed.	This segment's Action is set to E.	Correct the name to only include valid characters.



Segment Name	Error Message	Caused When	Results In	Resolution Method
Provider	Middle name contains invalid characters.	The name contains non-acceptable characters. Acceptable characters include [A-Z], [a-z], embedded spaces and characters [' , . -]. The characters ; * : ~ < > % are not allowed.	This segment's Action is set to E.	Correct the name to only include valid characters.
	SSN cannot be changed.	The Provider's SSN does not match the provider's enrolled SSN.	This segment's Action is set to E.	It is not possible to change the SSN via the PRN. The supplied SSN must match what is on file for this provider service location. The provider must re-enroll to change the SSN.
	Date of birth cannot be changed.	The Provider's date of birth does not match the provider's enrolled date of birth.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	It is not possible to change the Date of Birth via the PRN. The supplied date of birth must match what is on file for this provider service location. The provider must re-enroll or contact Provider Services to change the date of birth.
	Date of death must represent a valid date in the format 'YYYYMMDD'.	The date does not meet the expected YYYYMMDD format.	This segment's Action is set to E.	Enter a valid date in YYYYMMDD format.
	Date of death must be within 19000101 and 99991231.	The date of death is not in a valid range.	This segment's Action is set to E.	Enter a valid date in YYYYMMDD format.
	Date of Death cannot be less than the birth date.	The date of death is less than the date of birth.	This segment's Action is set to E.	Enter a valid date of death that is greater than the date



Segment Name	Error Message	Caused When	Results In	Resolution Method
				of birth in YYYYMMDD format.
Provider	Business name contains invalid characters.	The name contains invalid character. Acceptable characters include [A-Z], [a-z], embedded spaces and characters [' , . -]. The characters ; * : ~ < > % are not allowed.	This segment's Action is set to E.	Correct the name to only include valid characters.
	Doing business as name contains invalid characters.	The name contains invalid character. Acceptable characters include [A-Z], [a-z], embedded spaces and characters [' , . -]. The characters ; * : ~ < > % are not allowed.	This segment's Action is set to E.	Correct the name to only include valid characters.



Service Location Segment

Match Fields: ProviderLocationId, ProviderTypeCode

Segment Name	Error Message	Caused When	Results In	Resolution Method
Service Location	The Service Location segment is invalid.	The Service Location segment is null.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Provide a valid Service Location segment.
	The Service Location Action is Invalid.	The Action of Provider Service Location is not "C" or "N".	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Only Action "N" or "C" are allowed in the Service Location segment. It is not permissible to add a service location via PRN.
	The Service Location segment fields (ProviderLocationId and ProviderTypeCode) are required.	The provider Location ID or Provider Type code is null or empty.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter a valid Provider Location ID and Provider Type.
	The Service Location is considered an individual provider by the Organization Type provided but you have not supplied the Person details.	The supplied Enrollment Type is I or O and the Person segment is missing.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Supply the Person segment details if the provider is a person.
	Unable to find existing Provider Service Location for Provider Location Id.	The supplied Provider Location Id does not match an existing Provider Location Id.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter a valid Provider Location Id.



Segment Name	Error Message	Caused When	Results In	Resolution Method
Service Location	The service location's Provider Type does not match the enrolled provider's Provider Type.	The Provider Type code does not match the Provider Type for the supplied Provider Location Id.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter the provider's assigned Provider Type code.
	The Provider Type Code is invalid.	The Provider type doesn't match the Planmanagement.datalist.ProviderTypes.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Enter a valid Provider Type.
	The Provider Type is mismatched.	The provider's Provider Type does not match the enrolled Provider's Type.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	It is not possible to change the provider type via the PRN. The supplied provider type must match what is on file for this provider service location. The provider must re-enroll to change the provider type.
	The provider could not be identified.	The Provider Location ID doesn't match an existing provider on file.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	It is not possible to add a provider via the PRN. The supplied provider location ID must match what is on file. The provider must enroll with the MMIS first.
	Tax ID does not match what is on file. Changing the Tax ID requires re-enrollment.	The IRSTaxID's doesn't match the existing TaxID for Provider Location ID.	This segment's Action is set to E. All other segment Actions are set to I. The transaction is not processed further.	Update the supplied provider Tax ID to match the Tax ID on file.



MCO Participation Segment

Match Fields: MCOID, NetworkID, EffectiveDate, EndDate, Action

Segment Name	Error Message	Caused When	Results In	Resolution Method
MCO Participation	Invalid Action	The MCO Participation Load Action is not equal to C	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Action code.
	Invalid MCO	When this provider service location does not have a relationship with this MCO and network.	This segment's Action is set to E. The segment transaction is not processed further.	PRN cannot be used to establish a relationship with a provider
	Network Provider Association is not found	When this provider service location does not have an association record for this MCO and network.	This segment's Action is set to E. The segment transaction is not processed further.	Association needs to be created for provider service location and network
	MCE ID is required	When MCOID is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid MCOID
	MCE ID is not valid	When MCOID length is not equal to 14 characters	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid MCOID with a of length of 14 characters
	Network ID is required	When Network ID is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Network ID
	Effective Date is required	When effective date is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter effective date



Segment Name	Error Message	Caused When	Results In	Resolution Method
MCO Participation	Invalid Effective Date	When effective date format is not valid	This segment's Action is set to E. The segment transaction is not processed further.	Enter effective date in the format YYYYMMDD
	End Date is required	When end date is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter end date
	Invalid End Date	When end date format is not valid	This segment's Action is set to E. The segment transaction is not processed further.	Enter end date in the format YYYYMMDD
	Effective Date exceeds End Date	When the effective date is greater than the end date.	This segment's Action is set to E. The segment transaction is not processed further.	Enter an effective date that is less than the end date.
	Participation ID is required	When the Participation ID is null or empty.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Participation ID.
	Participation ID is incorrect boolean format	When the Participation ID is not in the boolean format.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Participation ID.
	NetworkId is not found	When the NetworkId does not match a valid NetworkId.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Network ID.
	Network Provider Association is not found	When this provider service location does not have an association record for this MCO and network for the specified dates	This segment's Action is set to E. The segment transaction is not processed further.	An association needs to be created for provider service location and network.



Segment Name	Error Message	Caused When	Results In	Resolution Method
MCO Participation	Participation dates must be between association start and association end dates. Participation cannot exist without association	When a Provider Network update record with a participation date range is outside the association date range of the Provider to Network association. For example: If a provider is associated to a MCO network from 1/1/2021-12/31/2021, they cannot send a participation record for 6/1/2020 or for 1/1/2022 because the provider is not associated to the MCO at that point in time.	This segment's Action is set to E. The segment transaction is not processed further.	Send a Provider Network update record with a participation date range that is inside the association date range of the Provider to the Network



MCO Provider Case Load Segment

Match Fields: MCOId, NetworkID, EffectiveDate, EndDate, Action, ParticipationInd, ProviderCapacity, Restriction, MinAge, MaxAge

Note: This segment should only be sent as Null.

Segment Name	Error Message	Caused When	Results In	Resolution Method
MCO Provider Case Load	Overall Capacity is invalid	When Provider Capacity is zero instead of null	This segment's Action is set to E. The segment transaction is not processed further.	Enter an appropriate overall capacity.
	Overall Capacity is invalid	When Provider Capacity is not numeric and in correct format	This segment's Action is set to E. The segment transaction is not processed further.	Enter an appropriate overall capacity.
	Total region capacity count exceeds the Overall Capacity, modify the Overall Capacity	When Region Capacity is more than overall Provider capacity	This segment's Action is set to E. The segment transaction is not processed further.	Enter Region Capacity less than or equal to the Overall Provider Capacity
	Duplicate Region/County for that date range	When Region Capacity is duplicated for a particular region for a particular date range.	This segment's Action is set to E. The segment transaction is not processed further.	Enter date range which doesn't overlap with the existing record.
	Age is invalid	When Either Minimum age is less than zero or greater than maximum age or maximum age is greater than Maximum age limit (999)	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid age which is greater than zero and less than maximum age and maximum age should not exceed maximum age range
	Effective and End Date Overlaps with the existing record	When a similar date range is entered which is already present in the record.	This segment's Action is set to E. The segment transaction is not processed further.	Enter age range which doesn't overlap with the existing record.



Segment Name	Error Message	Caused When	Results In	Resolution Method
MCO Provider Case Load	Min and Max Age Overlaps with the existing record.	When a similar Age range is entered which is already present in the record.	This segment's Action is set to E. The segment transaction is not processed further.	Enter date range which doesn't overlap with the existing record.
	Invalid Action	The MCO Participation Load Action is not equal to C	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Action code.
	Network Provider Association is not found	When this provider service location does not have an association record for this MCO and network.	This segment's Action is set to E. The segment transaction is not processed further.	Association needs to be created for provider service location and network
	MCE ID is required	When MCOID is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid MCOID
	MCE ID is not valid	When MCOID length is not equal to 14 characters	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid MCOID with a length of 14 characters
	Network ID is required	When Network ID is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Network ID
	Effective Date is required	When effective date is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter Effective Date
	Invalid Effective Date	When effective date format is not valid	This segment's Action is set to E. The segment transaction is not processed further.	Enter effective date in the format YYYYMMDD



Segment Name	Error Message	Caused When	Results In	Resolution Method
	End Date is required	When end date is null or empty	This segment's Action is set to E. The segment transaction is not processed further.	Enter end date
MCO Provider Case Load	Invalid End Date	When end date format is not valid	This segment's Action is set to E. The segment transaction is not processed further.	Enter end date in the format YYYYMMDD
	Effective Date exceeds End Date	When the effective date is greater than the end date.	This segment's Action is set to E. The segment transaction is not processed further.	Enter an effective date that is less than the end date.
	Min Age cannot be less than zero	When the Min Age is less than zero.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a Min Age equal to or greater than zero.
	Max Age should be greater than zero and less than 999	When the Max Age is less than zero or greater than 999.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a Max Age that is greater than zero and less than 999.
	Min Age exceeds the Max Age	When the Min Age is greater than the Max Age.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a Min Age less than the Max Age.
	Gender Code is required	When the Gender Code is empty or null.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Gender Code.
	Gender does not exist	When the Gender Code is not a valid Gender Code.	This segment's Action is set to E. The segment transaction is not processed further.	Enter a valid Gender Code.





Section 3: Appendix B: File Naming Conventions

File Naming Conventions

The following table provides the necessary information for establishing appropriate file content and file naming conventions for the Virginia MMS system.

Managed Care Organization	Submitter ID	ISS ID	Program	MCO ID	Network ID
Aetna Better Health of Virginia	1014	ABHM	CCCP	M0000000600001	N00000006
Aetna Better Health of Virginia	1044	ABHM	MED4	M0000000500001	N00000005
Anthem HealthKeepers, Inc	1015	ANTM	CCCP	M0000001000001	N00000010
Anthem HealthKeepers, Inc	1045	ANTM	MED4	M0000000900001	N00000009
Magellan Complete Care of Virginia	1016	MAJM	CCCP	M0000000700001	N00000007
Magellan Complete Care of Virginia	1046	MAJM	MED4	M0000000800001	N00000008
Optima Health Plan	1017	OPHM	CCCP	M0000000300001	N00000003
Optima Health Plan	1047	OPHM	MED4	M0000000400001	N00000004
United Healthcare Community Plan	1018	UHCM	CCCP	M0000000200001	N00000002
United Healthcare Community Plan	1048	UHCM	MED4	M0000000100001	N00000001
Virginia Premier Health Plan, Inc	1019	VAPM	CCCP	M0000001100001	N00000011
Virginia Premier Health Plan, Inc	1049	VAPM	MED4	M0000001200001	N00000012

Vendors

Administrative Services Org	Submitter ID	ISS ID	Program	MCO ID	Network ID
ModivCare	1075	NEMT		M0000001400001	N00000014
DentaQuest	1076	DQ		M0000001300001	N00000013
Magellan	1077	BHSA		M0000001500001	N00000015

PRN Periodic Full File:



Naming Convention

PRSS_xxxx_PRN_Provider_Roster_M_YYYYMMDD_HHMMSS-UTC Time Offset.zip

The xxxx is the MCO or ASO's Submitter ID.

MCO Example

ISS Structure:

PRSS_1014_PRN_Provider_Roster_M_20210430_121643-0500.zip

Contents of the zip file:

VAPRNFULL.1014.File_1_of_13.20210430121643.json

VAPRNFULL.1014.File_2_of_13.20210430121643.json

...

VAPRNFULL.1014.File_13_of_13.20210430121643.json

The number of files within the zip file is dynamic and will be more than the 13 shown in the example.

ASO Example

ISS Structure:

PRSS_DQ_PRN_Provider_Roster_M_202104301_21643-0500.zip

Contents of the zip file:

VAPRNFULL.1076.File_1_of_13.20210430121643.json

VAPRNFULL.1076.File_2_of_13.20210430121643.json

...

VAPRNFULL.1076.File_13_of_13.20210430121643.json

The number of files within the zip file is dynamic and will be more than the 13 shown in the example.



PRN Daily Delta

Naming Convention **PRSS_xxxx_PRN_Provider_Roster_Update_D_YYYYMMDD_HHMMSS-UTC Time Offset.json**

The xxxx is the MCO or ASO's Submitter ID.

MCO example

ISS Structure: PRSS_1014_PRN_Provider_Roster_Update_D_20210503_021723-0500.json

ASO example

ISS Structure: PRSS_DQ_PRN_Provider_Roster_Update_D_20210503_021723-0500.json

PRN Inbound Update File

NOTE: The CONTENT of the file must use the numeric submitter ID no matter what the name of the file is.

Naming Convention **xxxx_PRSS_PRN_Provider_Update_A_YYYYMMDD_HHMMSS-UTC Time Offset.json**

The xxxx is the MCO or ASO's Submitter ID.

MCO example

ISS Structure: 1014_PRSS_PRN_Provider_Update_A_20210511_090233-0500.json

ASO example

ISS Structure: DQ_PRSS_PRN_Provider_Update_A_20210511_090233-0500.json



PRN Response File

Naming Convention **PRSS_xxxx_PRN_Prov_Update_Status_Resp_D_YYYYMMDD_HHMMSS-UTCTimeOffset.json**

The xxxx is the MCO or ASO's Submitter ID.

MCO example

ISS Structure: PRSS_1014_PRN_Prov_Update_Status_Resp_D_20210511_112712-0500.json

ASO example

ISS Structure: PRSS_DQ_PRN_Prov_Update_Status_Resp_D_20210511_112712-0500.json



Section 4: Appendix C: Valid Values

The configurable valid values can be referenced by accessing the PRSS Provider Code Value Descriptions spreadsheet found at the following location: <https://vamedicaid.dmas.virginia.gov/provider/downloads>