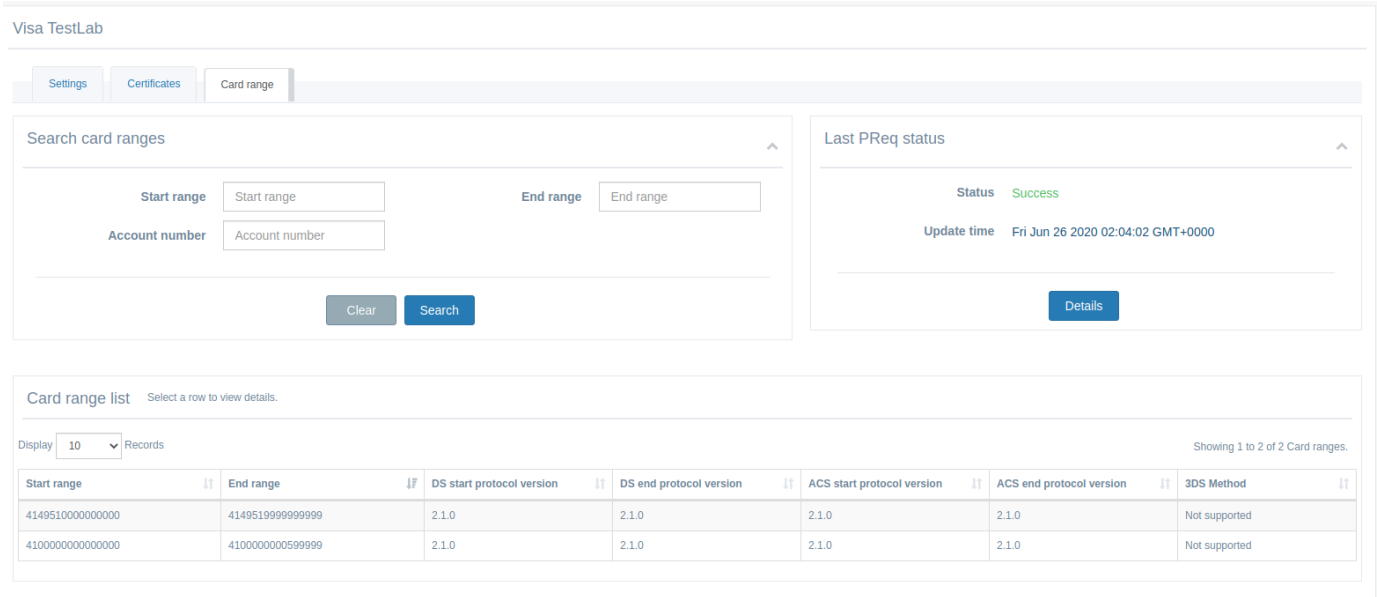
View DS card ranges

During the PReq/PRes process, **ActiveServer** caches the card ranges given in the PRes. The **card ranges page** shows the card ranges that **ActiveServer** currently has in its cache for each Directory Server provider. **Card ranges tab** has 4 sections:

- Search Card Ranges
- Card range List
- Last PReq status
- Raw Messages



Search card ranges

This section allows you to search through the database for a specific card range. You can filter through transactions by entering information about the card range. Fields include:

- **Start range** - only include card ranges with a start range greater than or equal to the given range.
- **End range** - only include card ranges with end range less than or equal to the given range.
- **Account number** - only include card ranges in which the start range and end range contain the given cardholder account number. If the value for the Account Number is present, other

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filters specified will be ignored. This search is similar to the `Enrol` API but only looks up results for a specific card scheme.

Once you have set the desired filters, select **Search** to view results in the **Card range List** below. Select **Clear** to reset the fields.

Card range list

This section displays all the card ranges for a particular Directory Server or a filtered list if you have selected any of the search parameters above.

Card range details displayed are:

- **Start range** - Start range of the card range
- **End range** - End range of the card range
- **DS start protocol version** - lowest supported EMV protocol version of the DS
- **DS end protocol version** - highest supported EMV protocol version of the DS
- **ACS start protocol version** - lowest supported EMV protocol version of the ACS
- **ASC end protocol version** - highest supported EMV protocol version of the ACS
- **3DS Method URL** - 3DS Method URL for the card range if it is supported by the ACS

Last PReq status

This section displays the last PReq status that **ActiveServer** performed for a particular Directory Server.

The details displayed are:

- **Status** - The status of the last PReq/PRes process. One of the following statuses may be shown:
  - **Success** - PReq/PRes process was successful without any error.
  - **Fail** - PReq/PRes process had an error, check the raw message details to see the error.
  - **Connection failed** - ActiveServer tried to send the PReq to the DS but failed to connect. Verify that the client certificate and the Server URL is configured correctly.

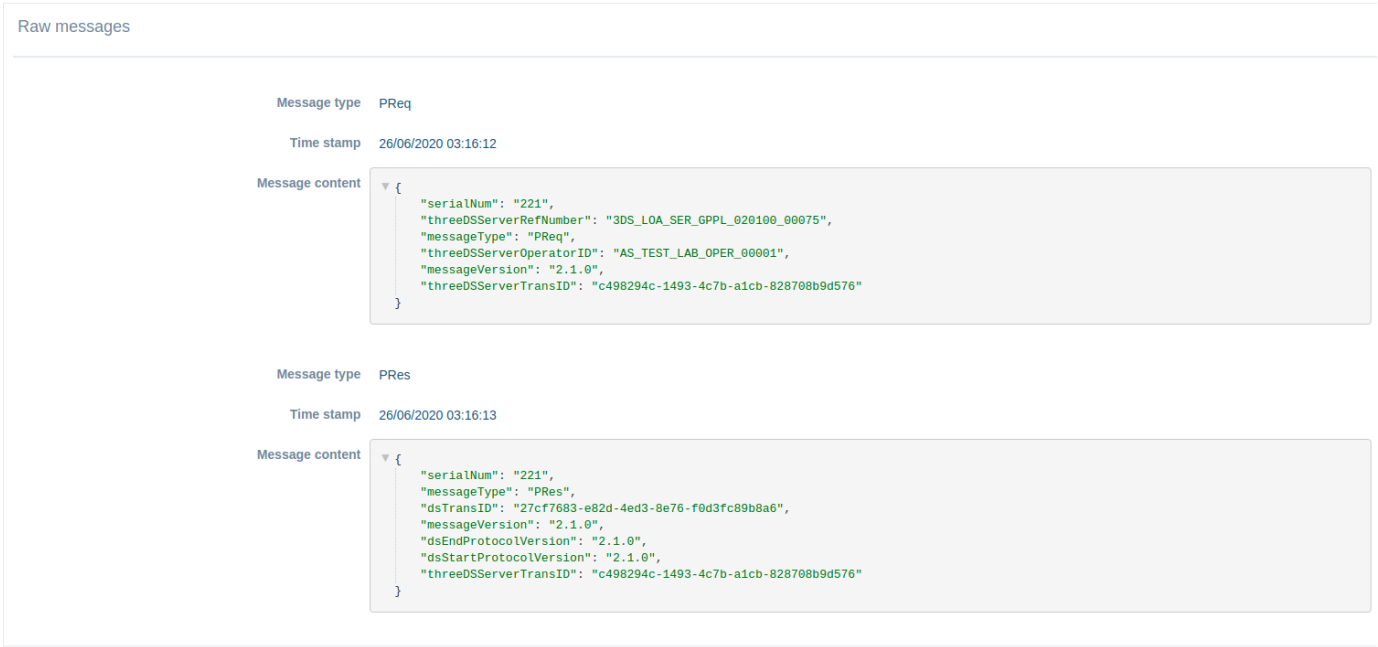
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    - **PReq not found** - There were no previous PReq found in the database or the cache. Make sure "Cache update" is **Enabled** if you would like **ActiveServer** to start sending PReqs to the Directory Server.

- **Update time** - Date and time that **ActiveServer** last performed the PReq.

Raw messages

To view the 3DS2 messages for the last PReq/PRes process, select **Details** on the Last PReq status panel.



- **Message type** - 3DS message type, e.g. PReq, PRes or Erro
- **Time stamp** - date and time the message was sent or received
- **Message content** - raw JSON message content that was sent or received

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