

AS Set

AS Set

Autonomous Systems					
Name	Auto Resolve	Status	Prefix Count	Session Count	Last Update
AS203993	✓	✓	9	1	24 days ago
AS-14061	✓	✓	422	0	16 days ago
AS-NUCDN	✓	✓	146	1	24 days ago
AS-SMARTCOM-TRANSIT	✓	✓	64	0	16 days ago
AS-BLINKMIND	✓	✓	0	1	24 days ago
AS-T-9264	✓	✓	116	0	24 days ago
AS-BBOI	✓	✓	0	0	24 days ago
AS-ROBLOX	✓	✓	53	0	24 days ago
AS-SALESFORCE	✓	✓	0	0	23 days ago
AS-DROPBOX	✓	✓	35	0	16 days ago
AS-STEFFANN	✓	✓	0	0	16 days ago

The **AS Set** subtab is where Autonomous Systems Sets (AS Set) may be viewed and managed.

The **Autonomous System List** shows all current AS Set prefixes peer Peer (based on PeeringDB IRR AS-set names) in ProVision, and their current information and session count. Update the session states for all sessions by clicking the "Refresh" button, or manage individual sessions by clicking on the row for the desired session.

- AS Set
 - Working with AS Sets
 - Import AS Set
 - Schedule AS Set Updates (Admin)
 - Additional Information

Working with AS Sets

The AS Set list displays AS Sets added to ProVision either through direct Import or via the Session Creation wizard.

AS Sets added to ProVision are available to use in the session creation wizard.

Once added, the AS set displays by peer, based on the PeeringDB IRR AS-set names, along with Auto Resolve, Status, Prefix Count, Session Count, and Last update time.

Autonomous Systems						
Name	Auto Resolve	Status	Prefix Count	Session Count	Last Update	
AS203993	✓	✓	9	1	25 days ago	⚙
AS-14061	✓	✓	422	0	16 days ago	⚙
AS-NUCDN	✓	✓	146	1	25 days ago	⚙
AS-SMARTCOM-TRANSIT	✓	✓	64	0	16 days ago	⚙
AS-BLINKMIND	✓	✓	0	1	25 days ago	⚙
AS-T-9264	✓	✓	116	0	25 days ago	⚙
AS-BBOI	✓	✓	0	0	25 days ago	⚙
AS-ROBLOX	✓	✓	53	0	25 days ago	⚙
AS-SALESFORCE	✓	✓	0	0	23 days ago	⚙
AS-DROPBOX	✓	✓	35	0	16 days ago	⚙
AS-STEFFANN	✓	✓	0	0	16 days ago	⚙
AS-AKAMAI	✓	✓	9413	1	26 minutes ago	⚙

Right clicking on an item row or action menu (gear icon) gives the following options:

Update: Checks the PeeringDB database for updated prefix / status information for the AS-Set.

Clear: Clears all Prefix Counts from the AS-Set.

Delete: Removes the AS-Set from ProVision.

Import AS Set

To Import an AS Set click the "Import" button at upper right of the Peering section AS Set subtab. Enter a prefix and click "Search".

Peering
IXs
Routers
Sessions
Peers
AS Set
Emails
Import

Import AS Set Prefixes

AS-DROPBOX
Search

It will automatically be added to the AS Set list once found.

You can also import and validate a prefix at Step 4 of the Session Creation Form.

Create New Session

1

2

3

4

5

Common SettingsRouter SettingsPeer SettingsAS SetConfirmation

1

 Optionally specify an AS-Set to enable prefix filtering. If the AS-Set has not already been added to ProVision, it must first be imported by bgpq4.

AS Set

AS-BBOI

ValidateImport

Validate the AS Set to use it with this session

Previous

SkipNext

Schedule AS Set Updates (Admin)

An option to update AS Set Prefixes via Scheduled Task is available in Admin Settings Peering Settings.

Admin SettingsApplicationAuthenticationDNSDHCPPeeringTemplatesScanning & DiscoveryManaged Servers

Peering Settings

Peering Settings

ASN:8038,6369

VRF Support:ON

Update Session State:Create Scheduled Task

Update AS Set Prefixes:Create Scheduled Task

Templates:Manage Custom Templates

Local PeeringDB Database

Status:Database is reachable

Host:localhost

Last Update:2023-01-31T00:27:10Z

Save Changes

Click "Create Scheduled Task" next to "Update AS Set Prefixes", and ProVision will automatically create a scheduled task that executes bgpq4, once per day, to update the AS prefix list in Provision.

Additional Information

- Peering
- Peering Exchanges
- Peering Routers
- Peering Sessions
- Admin - Peering Settings