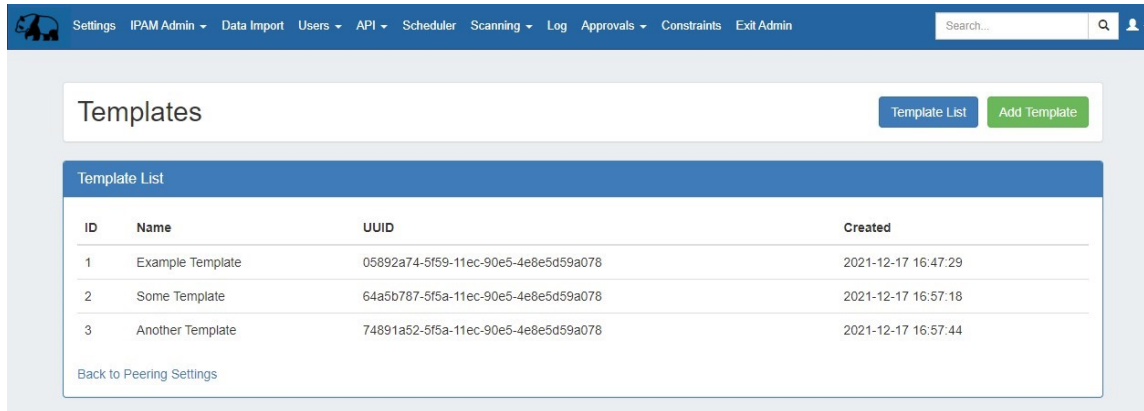


# Peering Templates

## Peering Templates



The screenshot shows the 'Templates' page in the ProVision Admin interface. At the top, there is a navigation bar with various menu items like Settings, IPAM Admin, Data Import, Users, API, Scheduler, Scanning, Log, Approvals, Constraints, and Exit Admin. A search bar is also present. Below the navigation bar, the 'Templates' page has a title 'Templates' and two buttons: 'Template List' and 'Add Template'. The main content area is titled 'Template List' and contains a table with the following data:

ID	Name	UUID	Created
1	Example Template	05892a74-5f59-11ec-90e5-4e8e5d59a078	2021-12-17 16:47:29
2	Some Template	64a5b787-5f5a-11ec-90e5-4e8e5d59a078	2021-12-17 16:57:18
3	Another Template	74891a52-5f5a-11ec-90e5-4e8e5d59a078	2021-12-17 16:57:44

At the bottom of the table, there is a link 'Back to Peering Settings'.

Peering Templates allow users to create their own reusable session configuration files. When the default ProVision session configuration template doesn't do everything required for your specific use case, you can create your own template that does. Revisions to Peering Templates are tracked, and a template may be reverted to a previous version at any time.

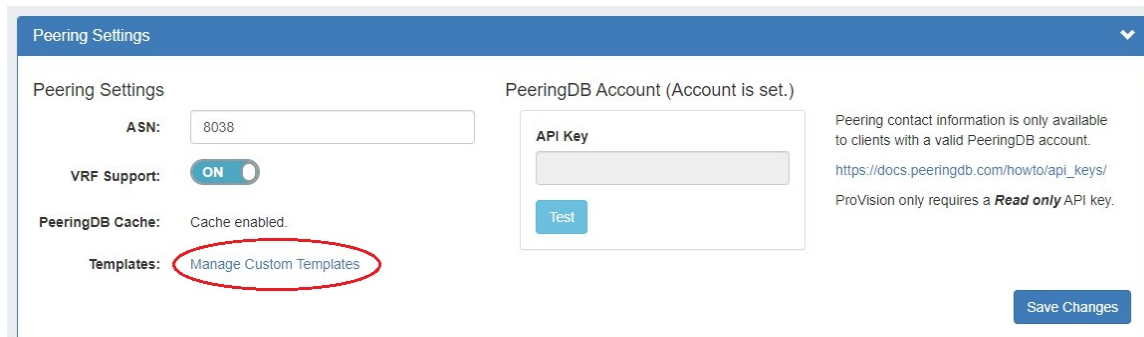
Peering Templates are accessible to Admin users from the **Admin Settings Peering** page, under Peering Settings.

- Viewing Templates
- Add a Template
- Delete a Template
- Edit a Template
  - Syntax
- Preview Template
- Template Revisions
- Additional Information:

## Viewing Templates

View the Template List by navigating to the **Admin Settings** page, in the Admin area of ProVision. From there, click the "Peering" sub-tab button at top to view Peering Settings.

Next to "Templates", click "Manage Custom Templates".



The screenshot shows the 'Peering Settings' page in the ProVision Admin interface. The page has a title 'Peering Settings' and a dropdown arrow. The main content area is divided into two sections: 'Peering Settings' and 'PeeringDB Account (Account is set.)'. The 'Peering Settings' section contains the following fields:

- ASN: 8038
- VRF Support: ON
- PeeringDB Cache: Cache enabled.
- Templates: **Manage Custom Templates** (circled in red)

The 'PeeringDB Account (Account is set.)' section contains the following fields:

- API Key: [Redacted]
- Test button

On the right side of the page, there is a note: 'Peering contact information is only available to clients with a valid PeeringDB account. [https://docs.peeringdb.com/howto/api\\_keys/](https://docs.peeringdb.com/howto/api_keys/) ProVision only requires a **Read only** API key.'

At the bottom right, there is a 'Save Changes' button.

The Template List will open, displaying all existing Peering Templates.

Templates

Template List

Add Template

Template List

ID	Name	UUID	Created
1	Example Template	a59b3a7f-d8d8-11ea-a76d-005056a3b422	2020-08-07 21:05:59
2	Some Template	ac689b60-d8d8-11ea-a76d-005056a3b422	2020-08-07 21:06:10
3	Another Template	b3cfb858-d8d8-11ea-a76d-005056a3b422	2020-08-07 21:06:22

Click on any template to open Template Details, where you can edit, delete, or preview the template.

Templates

Template List

Add Template

Template Details

ASN Template

UUID

4cae0004-36f2-11ea-a669-005056a3b422

Created

2020-01-14 09:21:28

{{peer\_asn}}

Delete

Preview

Update

To return to the Template List, click the "Template List" button at the top right of the page.

## Add a Template

From any page in the Peering Templates area, click the "Add Template" button on the right side of the page header to start a new template.

Templates

Template List

Add Template

In the Add Template form, enter a name for the template and the template body. When complete, click "Add".

Templates

Template List

Add Template

Add Template

Name

ASN Template

Template

`{{peer_asn}}`

Add

The "Template Details" view displays for the newly created template, here you can update, preview, or delete the template.

Templates

Template List

Add Template

Template Details

ASN Template

UUID

4cae0004-36f2-11ea-a669-005056a3b422

Created

2020-01-14 09:21:28

`{{peer_asn}}`

Delete

Preview

Update

The "Revision History" section is available at the bottom of the page in this view, but will only display data if previous updates have been made to the template.

## Delete a Template

From the Template Details view for the desired template, click the "Delete Button". Note: The deletion is immediate and permanent - use with care!

Templates

Template List

Add Template

Template Details

ASN Template

UUID4cae0004-36f2-11ea-a669-005056a3b422

Created2020-01-14 09:21:28

```
{{peer_asn}}
```

Delete

Preview

Update

## Edit a Template

From the Template Details view, edit the template by clicking inside the template body and typing the desired changes - if you need a reminder as to syntax or variables, click the help icon (Question Mark button) at top right to open the template editing guide.

Template Details

ASN Template

UUID4cae0004-36f2-11ea-a669-005056a3b422

Created2020-01-14 09:21:28

```
{{peer_asn}}
12345
```

Delete

Preview

Update

Click "Update" when done.

## Syntax

Templates use the Mustache format <https://mustache.github.io/mustache.5.html>

## Template Syntax

### Basic Variables

Values on the session object are inserted when referenced by double curly braces `{{ }}`

The router name is `{{router_name}}`

When given a session object with `{router_name: 'TheName'}` the line becomes

The router name is TheName

---

### If / If-Not statements

To only include a block (or part of a line) if a variable exists, enclose that part of the template starting with `{{#variable}}` and ending with `{{/variable}}`

```
{{#color}}The color is {{color}}.{{/color}}
{{#city}}
The city is {{city}}.
{{/city}}
```

When given `{color: 'blue'}` the output will be

The color is blue.

To only include a block if a variable does *not* exist, start with `{{^variable}}` and end with `{{/variable}}`

---

### Common Variables

- source\_asn
- vrf
- type\_ipv6
- peer\_ipaddr
- peer\_asn
  
- peer\_group
- peer\_name
- ttl
- prfx\_max
- prfx\_alert\_threshold

## Preview Template

While editing or viewing a template, you may preview the template's output against a specific session by clicking the "Preview" button. A "Preview Template" section appears.

Template Details

ASN Template

UUID

4cae0004-36f2-11ea-a669-005056a3b422

Created

2020-01-14 09:21:28

{{peer\_asn}}

Delete

Preview

Update

Preview Template

Select Session

Select an existing Router/Session from the dropdown list to use to generate the preview. Once selected, the template output will display directly underneath the selected session.

Preview Template

(66) lab1-juniper - Akamai Technologies / 20940

20940

Update preview

## Template Revisions

The Revision History area will display on the Template Details page after an update has been made to the template, with each update displaying as a separate revision item.

Template Details

ASN Template

UUID

73279076-36f2-11ea-a669-005056a3b422

Created

2020-01-14 09:22:33

{{peer\_asn}}

12345

Delete

Preview

Update

Revision History

ID	Name	UUID	Created	Actions
15	ASN Template	4cae0004-36f2-11ea-a669-005056a3b422	2020-01-14 09:21:28	View

Click "View" under the "Actions" columns for a revision to see the template contents at that revision snapshot.

Revision 4cae0004-36f2-11ea-a669-005056a3b422

{{peer\_asn}}

Restore

Revision History

ID	Name	UUID	Created	Actions
15	ASN Template	4cae0004-36f2-11ea-a669-005056a3b422	2020-01-14 09:21:28	View

To restore the template back to that revision number, click the "Restore" button for the revision preview.

## Additional Information:

For additional information on Peering, see the following areas:

- [Peering Exchanges](#)
- [Peering Routers](#)
- [Peering Sessions](#)
- [Managing Peers](#)
- [AS Set](#)
- [Peering Emails](#)