What are the various CLI and shell prompts available for Avi Vantage?

Avi Technical Reference (v21.1)

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Answer

Via two command-line interfaces, the authorized user may engage in three conversations. Conversations with the first two entities are common. Conversations of the third kind are very rare, and typically undertaken by Avi Customer Support personnel for troubleshooting purposes.

```
<th> In conversation </th>
 <th> your commands address </th>
 <th> with this frequency </th>
```

```
<td> 1 </td>
 <td> Avi Controller's Linux OS using bash</td>
 <td> commonly </td>
```

```
<td> 2 </td>
 <td> Avi Vantage processes running on Controller using the Avi shell </td>
 <td> commonly </td>
```

```
<td> 3 </td>
   <td> the SE?s Linux operating system </td>
   <td> rarely </td>
 </tr>
```

Accessing Avi Controller 1. Via Linux shell * Access Avi Controller?s OS via the `bash` Linux command line interface. * Either `ssh` to the Controller or access it via the console from an orchestrator such as vCenter. * Example: If the Controller's address is 10.144.130.195, type the `ssh` command: `ssh admin@10.144.130.195` and when prompted, supply the password for the `admin` user.

Avi Controller CLI is used to analyze various logs in `/opt/avi/log` and `/var/log/upstart` directories.

2. Via Avi shell

- Starts with conversation 1.
- Thereafter, to enter Avi Vantage-specific commands, first type the `shell` command and furnish credentials.
- Example: `show virtualservice <name-of-virtual-service>`

Accessing Avi Service Engines * `ssh` to an Avi SE or execute the `attach serviceengine <name-of-service-engine>` command from the Avi `shell` to enter the SE?s Linux CLI. * Use it to look into SE-specific logs in various directories, such as `/opt/avi/log`.

Shell prompt access is not available for Avi Service Engines. Avi SE's Linux CLI does not provide option to run `show` commands.

More details are available in the [Avi CLI Guide](#).

Additional Information

- [CLI Guide](#)
- [CLI - Script Mode](#)
- [CLI - Linux Command Line Mode](#)