

K10272: Accessing bash as a remotely authenticated user

Non-Diagnostic

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Topic

You can assign privileges to remote user accounts by mapping vendor-specific attributes to a set of access-control properties defined within the Remote Role Group configuration. One of the configurable privileges is remote console access for users. An administrator can enable or disable this privilege; however, the shell program is not a configurable option. Because remote users do not have an account defined in the `/etc/passwd` file, a custom shell cannot be defined there either. As a result, the shell for remote users defaults to the TMOS Shell (**tmsh**).

Accessing bash from tmsh

It is possible for remote users who are assigned the Administrator role to switch from **tmsh** to the Advanced Shell (**bash**). To do so, enter the following command at the **tmsh** command line:

```
run /util bash
```

Note: When remote users attempt to run this command and do not have **bash** privileges, the system displays the following error message:

```
Syntax Error: "bash" unexpected argument.
```

To exit **bash** and return to **tmsh**, enter the following command:

```
exit
```

Supplemental Information

- [K14324: Using F5 vendor-specific attributes with RADIUS authentication](#)

Applies to:

Product: BIG-IP

15.X.X, 14.X.X, 13.X.X, 12.X.X, 11.X.X, 10.X.X