

F5 LTM Config Merge Procedure

Description

To Merge an LTM config from a F5 to another F5 you need to split the bigip.conf file into separate config files which you need then to import on the destination F5.

Import the config parts with copy-paste into the terminal and with the following tmsh command:

```
load sys config from-terminal merge
```

It is recommended to check the config first with verify then check for any resulting errors:

```
load sys config from-terminal merge verify
```

Order of import

Importing the F5 config needs a specific order which is recommended. I did this many times and never had a problem migrating a config from one F5 to another.

- Import Certificate archive of the source F5
- Itm monitor

Check for monitor passwords if used

For external monitors check if run scripts need to be converted. Copy the files from external monitors first if needed.

- Itm node
- Itm data-group
- Itm pool
- Itm rule

Check if iRules already exists on the destination F5

- Itm persistence

If ASM Policies are used, they need to be exported and imported on the new system. ASM Policies are configured in LTM Policies.

- Itm policy

Check for invalid url! Since v12 for a location string you need to prepend it with "tcl:"

- Itm auth_ssl-cc-ldap

Check for passwords in the config

- Itm auth profile

If 'Itm profile client-ssl' need to be migrated, clientssl files need to export/import first

- Itm profile
- sys ifiles

Check if ifiles already exists on the destination F5.

Maybe you don't need to migrate this since it is already migrated with the ssl archive above

- sys file external monitor
- Itm ifile

Check if ifile already exists on the destination F5

- Itm snat
- Itm snat-translation
- Itm snatpool

If you also migrating APM config you need to export-import now the APM access policies from the source to the destination F5

- Itm virtual

For migration you can set the new config to "dummy" ip-addresses. So is would be possible to "migrate" one VS by the other.
Only change the real ip-address on the source to a "dummy" ip-address and set the real ip-address on the destination F5.

Migration done...

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