**How to Populate a YAML parameter file for Diana DPS Dual CPE MPLS + Internet Template:**

This is a small guide to ensure that the parameters that you input into the YAML input file are going to be correctly read by Anuta.

A YAML file is an input file generated via “start.py” Jinja tool. Once a Base Template is completed for a given configuration type, it is necessary to create an input file with all the parameters that are going to be used on particular site-type.

Each parameter needs to be populated correctly, that means, it needs to have an appropriate format based on what the Anuta engine is expecting.

This is an Example of a YAML input file:

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**B2B\_DPS\_CIDR:** 10.118.16.240/30

**DMVPN\_DPS\_CIDR:** 10.118.10.0/24

**R1\_B2B\_DPS\_IP:** 10.118.16.241

**R1\_DPS\_PBR\_Next\_Hop:** 10.118.16.242

**R1\_Loopback0:** 10.118.16.238

**R1\_Loopback100:** 10.118.9.111

**R1\_Loopback100\_CIDR:** 10.118.9.111/32

**R2\_B2B\_DPS\_IP:** 10.118.16.242

**R2\_DPS\_DMVPN\_IP:** 10.118.10.111

**R2\_Loopback0:** 10.118.16.239

**site\_name:** SYM-MX-QUERETARO-80

**template\_file:** SYM/Diana-Template\_DPS-dual-cpe-site-MPLS+INET-services v1.3.frmtpl

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Here is a guideline for each of the variables used on the template:

1. **B2B\_DPS\_CIDR:** Subnet value for the DPS Back to Back connection between R1 and R2.
2. **DMVPN\_DPS\_CIDR**: Subnet value for the DMVPN supernet used for the DPS overlay.
3. **R1\_B2B\_DPS\_IP**: IP address for the DPS back to back interface on R1.
4. **R1\_DPS\_PBR\_Next\_Hop:** IP Address for the PBR next-hop, this is the IP address for the DPS back to back on R2.
5. **R1\_Loopback0**: IP address for the Loopback 0 interface on R1.
6. **R1\_Loopback100:** IP address for the Loopback 100 interface on R1.
7. **R1\_Loopback100\_CIDR:** Subnet value for the Loopback 100 interface on R1.
8. **R2\_B2B\_DPS\_IP**: IP address for the DPS back to back interface on R2.
9. **R2\_DPS\_DMVPN\_IP**: IP address for tunnel interface used for DPS DMVPN. This is the tunnel IP.
10. **R2\_Loopback0:** IP address for the Loopback 0 interface on R2.
11. **site\_name**: Site name as defined on SFDC.
12. **template\_file**: Created automatically by start.py script.