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SW2:

```
spanning-tree mode rapid-pvst
interface range fa0/5, fa0/6, fa0/7
spanning-tree bpduguard enable
spanning-tree portfast
exit
```

SW3:

```
spanning-tree mode rapid-pvst
interface range fa0/5, fa0/6
spanning-tree bpduguard enable
spanning-tree portfast
exit
```

Core_SW1:

```
spanning-tree mode rapid-pvst
spanning-tree vlan 10 root primary
spanning-tree vlan 20 root primary
spanning-tree vlan 98 root primary
spanning-tree vlan 30 root secondary
spanning-tree vlan 40 root secondary

interface vlan 10
standby 10 ip 172.18.10.1
standby 10 priority 105
standby 10 preempt
standby version 2
standby 10 track gi0/1
exit
```

```
interface vlan 20
standby 20 ip 172.18.20.1
standby 20 priority 105
standby 20 preempt
standby version 2
standby 20 track gi0/1
exit
```

```
interface vlan 98
standby 98 ip 172.18.98.1
standby 98 priority 105
standby 98 preempt
standby version 2
standby 98 track gi0/1
exit
```

```
interface vlan 30
standby 30 ip 172.18.30.1
standby 30 preempt
standby version 2
standby 30 track gi0/1
exit
```

```
interface vlan 40
standby 40 ip 172.18.40.1
standby 40 preempt
standby version 2
standby 40 track gi0/1
exit
```

Core_SW2:

```
spanning-tree mode rapid-pvst
spanning-tree vlan 30 root primary
spanning-tree vlan 40 root primary
spanning-tree vlan 98 root secondary
spanning-tree vlan 10 root secondary
spanning-tree vlan 20 root secondary
```

```
interface vlan 10
standby 10 ip 172.18.10.1
standby 10 preempt
standby version 2
standby 10 track gi0/1
exit
```

```
interface vlan 20
standby 20 ip 172.18.20.1
standby 20 preempt
standby version 2
standby 20 track gi0/1
exit
```

```
interface vlan 98
standby 98 ip 172.18.98.1
standby 98 preempt
standby version 2
standby 98 track gi0/1
exit
```

```
interface vlan 30
standby 30 ip 172.18.30.1
standby 30 priority 105
standby 30 preempt
```

```
standby version 2
```

```
standby 30 track gi0/1
```

```
exit
```

```
interface vlan 40
```

```
standby 40 ip 172.18.40.1
```

```
standby 40 priority 105
```

```
standby 40 preempt
```

```
standby version 2
```

```
standby 40 track gi0/1
```

```
exit
```