



# CHAPTER 20

## RST Commands

---

This chapter provides restore (RST) commands for the Cisco ONS 15454 SDH, Cisco ONS 15454 M2, Cisco ONS 15454 M6, and Cisco ONS 15600 SDH.



### Note

---

All commands supported on the Cisco ONS 15454 SDH platform are also supported on Cisco ONS 15454 M2 and Cisco ONS 15454 M6 platforms.

---

## 20.1 RST-<MOD2>

(Cisco ONS 15454 SDH) The Restore 10GFC, 10GIGE, 40GIGE, 1GFC, 1GFICON, 2GFC, 2GFICON, 5GIB, 8GFC, CLNT, D1VIDEO, DS3I, DV6000, DVBASI, E1, E3, E4, ESCON, ETRCLO, ETH, FSTE, G1000, GFPOS, GIGE, HDTV, ISC1, ILK, ISCCOMPAT, ISC3PEER2R, ISC3PEER1G, ISC3PEER2G, STM4, STM64, STM1, STM16, OCH, OMS, OTS, OTU3, POS, STM1E, VC3, VC44C, VC38C, VC464C, VC48C, STS36C, VC4, VC416C, VC42C, VC43C, VC11, or VC12 (RST-<MOD2>) command provisions a facility as In Service (IS).

---

### Usage Guidelines

See [Table 27-1 on page 27-1](#) for supported modifiers by platform.



### Note

---

This command can only be executed when the port is in the Locked and Maintenance state.

---

---

### Category

Ports

---

### Security

Maintenance

---

### Input Format

RST-<MOD2>:[<TID>]:<AID>:<CTAG>:::[<PST>[,<SST>]];

---

### Input Example

RST-E1:CISCO:FAC-1-1:1:::UNLOCKED,AUTOMATICINSERVICE;

Table 20-1 Parameter Support

Parameter	Description	Cisco ONS 15454 SDH	Cisco ONS 15600 SDH
<AID>	Access identifier from the “25.1 ALL” section on page 25-1.	Y	Y
<PST>	(Optional) Primary state. The parameter type is PST, which indicates the current overall service condition of an entity.	Y	Y
• Unlocked	In service	Y	Y
• Locked	Out of service	Y	Y
<SST>	(Optional) Secondary state. The parameter type is SST, which provides additional information pertaining to PST and PSTQ.	Y	Y
• AutomaticInService	Automatic in service	Y	Y
• Disabled	Disabled	Y	Y
• Loopback	Loopback	Y	Y
• MismatchofEquipmentAlarm	Mismatch of equipment and attributes	Y	Y
• Maintenance	Maintenance mode	Y	Y
• OutOfGroup	Out of group	Y	Y
• SoftwareDownload	Software downloading	Y	Y
• Unassigned	Unassigned	Y	Y
• NotInstalled	Unequipped	Y	Y

## 20.2 RST-EQPT

(Cisco ONS 15454 SDH) The Restore Equipment (RST-EQPT) command provisions equipment into the In-Service state from the Maintenance state.

### Usage Guidelines

This command is only applicable to equipment that is in transition from the Maintenance state to the In-Service state.

### Category

Equipment

### Security

Maintenance

### Input Format

RST-EQPT:[<TID>]:<AID>:<CTAG>[::];

---

**Input Example** RST-EQPT:CISCO:SLOT-1:1;

---

**Input Parameters** <AID> Access identifier from the [“25.13 EQPT”](#) section on page 25-24.

---

