



```

!
--More--          login on-success log
no device-tracking logging theft
!
crypto pki trustpoint SLA-TrustPoint
  enrollment pkcs12
  revocation-check crl
!
crypto pki trustpoint TP-self-signed-68931547
  enrollment selfsigned
  subject-name cn=IOS-Self-Signed-Certificate-68931547
  revocation-check none
  rsakeypair TP-self-signed-68931547
!
!
crypto pki certificate chain SLA-TrustPoint
  certificate ca 01
    30820321 30820209 A0030201 02020101 300D0609 2A864886 F70D0101
0B050030
    32310E30 0C060355 040A1305 43697363 6F312030 1E060355 04031317
43697363
    6F204C69 63656E73 696E6720 526F6F74 20434130 1E170D31 33303533
30313934
    3834375A 170D3338 30353330 31393438 34375A30 32310E30 0C060355
040A1305
    43697363 6F312030 1E060355 04031317 43697363 6F204C69 63656E73
696E6720
    526F6F74 20434130 82012230 0D06092A 864886F7 0D010101 05000382
010F0030
    82010A02 82010100 A6BCBD96 131E05F7 145EA72C 2CD686E6 17222EA1
F1EFF64D
    --More--          CBB4C798 212AA147 C655D8D7 9471380D 8711441E
1AAF071A 9CAE6388 8A38E520
    1C394D78 462EF239 C659F715 B98C0A59 5BBB5CBD 0CFEBEA3 700A8BF7
D8F256EE
    4AA4E80D DB6FD1C9 60B1FD18 FFC69C96 6FA68957 A2617DE7 104FDC5F
EA2956AC
    7390A3EB 2B5436AD C847A2C5 DAB553EB 69A9A535 58E9F3E3 C0BD23CF
58BD7188
    68E69491 20F320E7 948E71D7 AE3BCC84 F10684C7 4BC8E00F 539BA42B
42C68BB7
    C7479096 B4CB2D62 EA2F505D C7B062A4 6811D95B E8250FC4 5D5D5FB8
8F27D191
    C55F0D76 61F9A4CD 3D992327 A8BB03BD 4E6D7069 7CBADF8B DF5F4368
95135E44
    DFC7C6CF 04DD7FD1 02030100 01A34230 40300E06 03551D0F 0101FF04
04030201
    06300F06 03551D13 0101FF04 05300301 01FF301D 0603551D 0E041604
1449DC85
    4B3D31E5 1B3E6A17 606AF333 3D3B4C73 E8300D06 092A8648 86F70D01
010B0500
    03820101 00507F24 D3932A66 86025D9F E838AE5C 6D4DF6B0 49631C78
240DA905
    604EDCDE FF4FED2B 77FC460E CD636FDB DD44681E 3A5673AB 9093D3B1

```

6C9E3D8B  
D98987BF E40CBD9E 1AECA0C2 2189BB5C 8FA85686 CD98B646 5575B146  
8DFC66A8  
467A3DF4 4D565700 6ADF0F0D CF835015 3C04FF7C 21E878AC 11BA9CD2  
55A9232C  
7CA7B7E6 C1AF74F6 152E99B7 B1FCF9BB E973DE7F 5BDDEB86 C71E3B49  
1765308B  
5FB0DA06 B92AFE7F 494E8A9E 07B85737 F3A58BE1 1A48A229 C37C1E69  
39F08678  
80DDCD16 D6BACECA EEBC7CF9 8428787B 35202CDC 60E4616A B623CDBD  
230E3AFB  
418616A9 4093E049 4D10AB75 27E86F73 932E35B5 8862FDAE 0275156F  
719BB2F0  
D697DF7F 28  
quit  
crypto pki certificate chain TP-self-signed-68931547  
certificate self-signed 01  
3082032C 30820214 A0030201 02020101 300D0609 2A864886 F70D0101  
05050030  
--More-- 2F312D30 2B060355 04031324 494F532D 53656C66  
2D536967 6E65642D 43657274  
69666963 6174652D 36383933 31353437 301E170D 32323036 31383037  
30353535  
5A170D33 32303631 37303730 3535355A 302F312D 302B0603 55040313  
24494F53  
2D53656C 662D5369 676E6564 2D436572 74696669 63617465 2D363839  
33313534  
37308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201  
0A028201  
0100B421 9AF5B864 0A0D809D 423EAE2D 9C676D8D AF654944 60DD755F  
3480BA35  
47079225 EC0618B9 4310AF79 73F316FC DDB095C2 841524A3 AEDDEC29  
27D71D42  
C47BBBF3 80D8D2AD 42FCCAE7 6A9B5AEF 4BEE671A CA9B7DCA FE28037E  
56538E9B  
22E8306B 5430DACC C427B05C 89CE8AB6 A09C2DCD 6387E43D 81EC4F67  
BCD23F4D  
B6E8A578 0DEEC2D8 40488EA8 26D52B8A C5412B4C FC3FC62C 6335F5DC  
1DFB7E64  
6D283A21 5BD7A01B 1FD021AB 9E76011B 4D8B81F7 01F32107 AE7BA461  
EDF8F2C9  
F7D6C07B 02A21C20 46F5988B 02978016 4D26C80D 201FB330 1045C62A  
3C75E8FD  
676C3067 7520A87E F6850A33 5FCA9F26 2FE0C01F 6E7EBFA1 8F223F41  
8893B82F  
5C630203 010001A3 53305130 0F060355 1D130101 FF040530 030101FF  
301F0603  
551D2304 18301680 143A805F DC7966FB AD0F80FB 029B48F6 9F34E44F  
AD301D06  
03551D0E 04160414 3A805FDC 7966FBAD 0F80FB02 9B48F69F 34E44FAD  
300D0609  
2A864886 F70D0101 05050003 82010100 5C04010F 6B3ACBCD E94379F1  
74723B99  
0D080799 67F92BE3 2AB94FA2 405CB9EC 4BF1F0E4 5D8EDC9D CA4700C1

```
2F0EEFFA
ED47B7D1 6F8AFB58 6D02BD26 8BC42A35 EC6284D1 B94D833A 2F5EDD58
5E43B371
11D8CC44 5BB13AB6 8F6132A3 CB54C08D 5277C217 023F7785 D653741A
889E6C89
6122CB18 CFAB1A79 7BA0067C 5A22F169 A6A1570A 184E8569 C2236BD0
E0E0B8AA
83E1A963 24C536B7 20EE4541 6EAC378E 95C9C065 3B8CB4C0 FCB2C030
3D43ABAF
4CBA65D4 157D6046 63493307 0602DEE3 8466E93A BB6A0A94 234FC853
E230ED6E
--More--          76283709 C9BB5282 DEA6570A C5D85116 B239C7BD
76A9E65D D8FE6C90 3800CAE1
F99ADC4A 8B945DF3 89A3F96D 25F63B07
quit
!
license boot level network-essentials addon dna-essentials
!
!
diagnostic bootup level minimal
!
spanning-tree mode rapid-pvst
spanning-tree extend system-id
memory free low-watermark processor 10298
!
username admin privilege 15 secret 9
$9$7s190ZuqinUAnk$v8dbuTYS3qUjxBghjjtTqfpvjke0XhJC99fNkkI1vc
!
redundancy
mode sso
!
!
transceiver type all
monitoring
!
--More--          !
class-map match-any system-cpp-police-ewlc-control
description EWLC Control
class-map match-any system-cpp-police-topology-control
description Topology control
class-map match-any system-cpp-police-sw-forward
description Sw forwarding, L2 LVX data packets, LOGGING, Transit
Traffic
class-map match-any system-cpp-default
description EWLC data, Inter FED Traffic
class-map match-any system-cpp-police-sys-data
description Openflow, Exception, EGR Exception, NFL Sampled Data,
RPF Failed
class-map match-any system-cpp-police-punt-webauth
description Punt Webauth
class-map match-any system-cpp-police-l2lvx-control
description L2 LVX control packets
class-map match-any system-cpp-police-forus
description Forus Address resolution and Forus traffic
```

```

class-map match-any system-cpp-police-multicast-end-station
  description MCAST END STATION
class-map match-any system-cpp-police-high-rate-app
  description High Rate Applications
class-map match-any system-cpp-police-multicast
  description MCAST Data
--More--      class-map match-any system-cpp-police-l2-control
  description L2 control
class-map match-any system-cpp-police-dot1x-auth
  description DOT1X Auth
class-map match-any system-cpp-police-data
  description ICMP redirect, ICMP_GEN and BROADCAST
class-map match-any system-cpp-police-stackwise-virt-control
  description Stackwise Virtual OOB
class-map match-any non-client-nrt-class
class-map match-any system-cpp-police-routing-control
  description Routing control and Low Latency
class-map match-any system-cpp-police-protocol-snooping
  description Protocol snooping
class-map match-any system-cpp-police-dhcp-snooping
  description DHCP snooping
class-map match-any system-cpp-police-ios-routing
  description L2 control, Topology control, Routing control, Low
Latency
class-map match-any system-cpp-police-system-critical
  description System Critical and Gold Pkt
class-map match-any system-cpp-police-ios-feature
  description
ICMPGEN,BROADCAST,ICMP,L2LVXCntrl,ProtoSnoop,PuntWebauth,MCASTData,T
ransit,DOT1XAuth,Swfwd,LOGGING,L2LVXData,ForusTraffic,ForusARP,Mcast
EndStn,Openflow,Exception,EGRExcpction,NflSampled,RpfFailed
--More--      !
policy-map system-cpp-policy
!
!
!
!
!
!
!
!
!
!
interface GigabitEthernet0/0
  vrf forwarding Mgmt-vrf
  ip address 10.34.1.40 255.255.255.0
  negotiation auto
!
interface GigabitEthernet1/0/1
!
```

```
--More--          interface GigabitEthernet1/0/2
!
interface GigabitEthernet1/0/3
!
interface GigabitEthernet1/0/4
!
interface GigabitEthernet1/0/5
!
interface GigabitEthernet1/0/6
!
interface GigabitEthernet1/0/7
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/8
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/9
  switchport mode access
  switchport voice vlan 60
  --More--          spanning-tree portfast
!
interface GigabitEthernet1/0/10
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/11
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/12
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/13
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/14
  --More--          switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet1/0/15
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
```

```
!  
interface GigabitEthernet1/0/16  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/17  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/18  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
--More--      !  
interface GigabitEthernet1/0/19  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/20  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/21  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/22  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/23  
    switchport mode access  
    --More--      switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/24  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/25  
    switchport mode access  
    switchport voice vlan 60  
    spanning-tree portfast  
!  
interface GigabitEthernet1/0/26  
    switchport mode access  
    switchport voice vlan 60
```

```
    spanning-tree portfast
!
interface GigabitEthernet1/0/27
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
--More--          interface GigabitEthernet1/0/28
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/29
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/30
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/31
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/32
    switchport mode access
    switchport voice vlan 60
--More--          spanning-tree portfast
!
interface GigabitEthernet1/0/33
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/34
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/35
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/36
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/37
--More--          switchport mode access
```



```
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/38
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/39
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/40
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/41
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
--More--      !
interface GigabitEthernet1/0/42
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/43
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/44
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/45
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/46
    switchport mode access
--More--      switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/47
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet1/0/48
```

```
!  
interface GigabitEthernet1/1/1  
!  
interface GigabitEthernet1/1/2  
!  
interface GigabitEthernet1/1/3  
!  
interface GigabitEthernet1/1/4  
!  
interface GigabitEthernet2/0/1  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
--More--      interface GigabitEthernet2/0/2  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/3  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/4  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/5  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/6  
  switchport mode access  
  switchport voice vlan 60  
  --More--      spanning-tree portfast  
!  
interface GigabitEthernet2/0/7  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/8  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/9  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!
```

```
interface GigabitEthernet2/0/10
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/11
  --More--          switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/12
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/13
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/14
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/15
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
  --More--          !
interface GigabitEthernet2/0/16
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/17
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/18
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/19
  switchport mode access
  switchport voice vlan 60
  spanning-tree portfast
!
interface GigabitEthernet2/0/20
  switchport mode access
  --More--          switchport voice vlan 60
  spanning-tree portfast
```

```
!  
interface GigabitEthernet2/0/21  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/22  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/23  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/24  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
--More--          interface GigabitEthernet2/0/25  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/26  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/27  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/28  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/29  
  switchport mode access  
  switchport voice vlan 60  
  --More--          spanning-tree portfast  
!  
interface GigabitEthernet2/0/30  
  switchport mode access  
  switchport voice vlan 60  
  spanning-tree portfast  
!  
interface GigabitEthernet2/0/31  
  switchport mode access  
  switchport voice vlan 60
```

```
    spanning-tree portfast
!
interface GigabitEthernet2/0/32
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/33
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/34
    --More--          switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/35
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/36
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/37
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/38
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
    --More--          !
interface GigabitEthernet2/0/39
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/40
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/41
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
!
interface GigabitEthernet2/0/42
    switchport mode access
```

```

    switchport voice vlan 60
    spanning-tree portfast
    !
interface GigabitEthernet2/0/43
    switchport mode access
    --More--          switchport voice vlan 60
    spanning-tree portfast
    !
interface GigabitEthernet2/0/44
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
    !
interface GigabitEthernet2/0/45
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
    !
interface GigabitEthernet2/0/46
    switchport mode trunk
    !
interface GigabitEthernet2/0/47
    switchport mode access
    switchport voice vlan 60
    spanning-tree portfast
    !
interface GigabitEthernet2/0/48
    switchport mode trunk
    --More--          switchport voice vlan 60
    spanning-tree portfast
    !
interface GigabitEthernet2/1/1
    !
interface GigabitEthernet2/1/2
    !
interface GigabitEthernet2/1/3
    !
interface GigabitEthernet2/1/4
    !
interface Vlan1
    ip dhcp client client-id ascii cisco-482e.724a.0647-Vl1
    ip address 10.34.4.2 255.255.255.128
    !
ip default-gateway 10.34.1.1
ip forward-protocol nd
ip http server
ip http authentication local
ip http secure-server
ip http client source-interface Vlan1
ip route vrf Mgmt-vrf 0.0.0.0 0.0.0.0 10.34.1.1
ip ssh time-out 60
    --More--          ip ssh version 2
    !
    !

```

```
!  
!  
control-plane  
  service-policy input system-cpp-policy  
!  
!  
line con 0  
  exec-timeout 0 0  
  stopbits 1  
line aux 0  
  stopbits 1  
line vty 0 4  
  login local  
  transport input all  
  transport output all  
line vty 5 15  
  login local  
  transport input all  
  transport output all  
!  
  --More--          ntp server 216.239.35.0  
call-home  
  ! If contact email address in call-home is configured as sch-smart-  
licensing@cisco.com  
  ! the email address configured in Cisco Smart License Portal will  
be used as contact email address to send SCH notifications.  
  contact-email-addr sch-smart-licensing@cisco.com  
  profile "CiscoTAC-1"  
    active  
    destination transport-method http  
!  
!  
!  
!  
!  
!  
end
```

SW-01#

SW-01#

SW-01#