

# Basic System Management Command Reference, Cisco IOS XE Release 3SE (Catalyst 3650 Switches)

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### CHAPTER 1

#### **Duke U{uvgo Opcigogpv Eq o cphu 1**

pvr ceeguu/itqwr 2

pvr cwvjgpkcevg 5

pvr cwvjgpkcevkqp/mg{ 7

pvr dtqcfecuv 118 (Q)TP500FDY GO gF00 1 0DPTm(EURDGFDS00EFD)WP GO gF0 9 Tf4000HQDGFDF#140W





## ntp access-group

Vq eqpvtqn ceeguu vq Pgv y qtm V k o g Rtqv qeqn \*PVR+ ugtxlegu qp vjg u { uwg o . wug vjg **pvr ceeguu/i tqwr** eq o o cpf  
kp i nqdcn eqphki wtcvkqp o qfgl Vq tg o qxg ceeguu eqpvtqn

## Command History

Kh {qw



# ntp authenticate

Vq gpedng Pgv y qtm Vko g Rtqvqeqn \*PVR+ cwvjgpvkcvkqp. wug vjg **pvr cwvjgpvkcvg** eq o o cpf kp inqden  
eqphki wtevkqp o qfg<sup>0</sup> Vq fkucdng vjg hwpevkqp. wug vjg

Kp vjg **pq** hqt o qh cp{ **pvr** eq o o c p f. c m v j g m g { y q t f u c t g q r v k q p c n 0 Y j g p { q w

ntp authentication-key



## Related Commands









Vjg PVR ugtxkeg ecp dg cevkxcvfg d{ gpvgtkpi cp{ **pvr** eqo o cpf0 Y jgp {qw wug vjg **pvr dtqcfecuv**  
**enkgpveq** o o cpf. vjg PVR ugtxkeg ku cevkxcvfg \*kh kv jcu pqv cntgcf{ dggp cevkxcvfg+ cpf vjg fgxkeg ku eqphki wtgf  
vq tgegkxg PVR dtqcfecuv rcemgvu qp c urgekhhgf kpvgtthceg uk o wnvcpqgwun{0

Kp vjg **pq** hqt o qh cp{ **pvr** eqo o cpf. cmm vjg mg{ yqtfu ctg qrvkqpcn0 Y jgp {qw gpvgt vjg **pq pvr dtqcfecuv**  
**enkgpveq** o o cpf. qpn{ vjg dtqcfecuv enkgpv eqphki wtcvkqp ku tg o qxgf htq o vjg PVR ugtxkeg0 Vjg PVR ugtxkeg  
kvugnh tg o ckpu cevkxg. cnqpi ykvj cp{ qvjgt hwpevkqpu vjcO

# ntp broadcastdelay

Vq ugv vjg guvko cvgf tqwpf/vtkr fgnc{ dgv yggp vjg

Vjg PVR ugtxkeg ecp dg cevkxcvgf d{ gpvgtkpi cp{ **pvr**

# ntp clear drift

Vq tgugv vjg ftkhv xcnwg uvqtgf kp vjg rgtukuvgpv fcvc



ntp clock-period



Usage Guidelines

Fq pqv ocpwcm{ ugv c xcnwg hqt vjg PVR enqem rgtkqf0

Kh vjg u{uvg o jcu cwwq o cvkecm{ gpvgtgf c xcnwg hqt vjg enqem rgtkqf kpvq vjg twppkpi eqphki wtcvkqp. PVR u{pejtqpk|gu hcuvgt chvgt vjg u{uvg o ku tguvctvgf y jgp vjg **eqr{ twppkpi/eqphki uvctvwr/eqphki** eq o ocpf jcu dggp gpvgtgf vq ucxg vjg eqphki wtcvkqp vq PXTCO0

Vjg PVR ugtxkeg ecp dg cevkxcvgf d{ gpvgtkpi cp{ **pvr** eq o ocpf0 Kp vjg **pq** hqt o qh cp{ **pvr** eq o ocpf. cm vjg mg{ yqtfu ctg qrvkqpcn0 Y jgp {qw gpvgt vjg **pq pvr enqem/rgtkqf** eq o ocpf. qpn{ vjg

ntp disable

Vq





ntp logging

Vq

dwy enuq em PVR hwpevkqpu htq o vjg fgxkeg.

ntp master

Vq eqphkiwtg



# ntp max-associations

Vq eqphkiwtg vjg oczkowo pwodgt qh Pgyyqtm V

Usage Guidelines

Vjg tqwgt ecp dg

ntp multicast

Vq





## Related Commands

ntp peer

Vq eqphki wtg c tqwvgt vq cmmqy kvu uqhvyctg enqem vq dg u{pejtqpk|gf ykvj vjg uqhvyctg enqem qh c Pgyyqtm  
Vko g Rtqvqeqn \*PVR+ rrgt qt vq cmmqy vjg uqhvyctg enqem qh c PVR rrgt vq dg u{pejtqpk|gf ykvj vjg

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# ntp refclock

Vq eqphki wtg cp gzvgtpcn

Command History





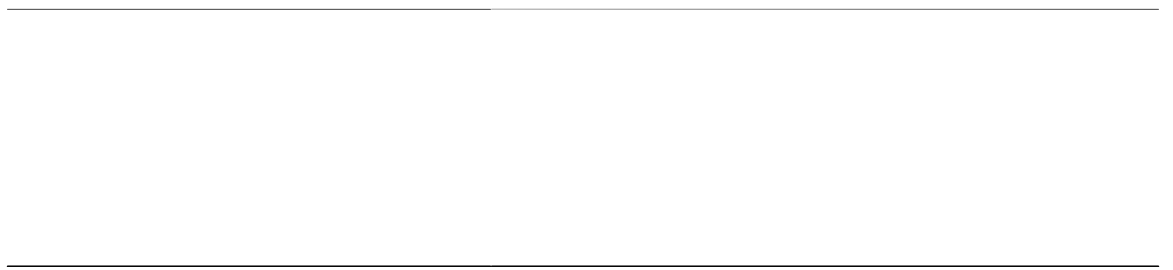
Vq vgtokpcvg vjg PVR ugtxkeg qp c fgxkeg. {qw owuv gpvgt vjg **pq pvr** eqo o cpf ykvjqww mg{yqtfu kp inqdcn  
eqphki wtcvkqp o qfg0 Hqt gzc o rmg. kh {qw jcf rtgxkqwun{ kuuwgf vjg **pvr tghenqem** eqo o cpf cpf {qw pqy ycpv  
vq tg o qxg pqv qpn{ vjg

ntp server

Vq eqphkiwtg c tqwgt

ef

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Y jgp {qw gpygt vjg **pq pvr ugtxgt** eq o o cpf.



wugf cu vjg fgukpcvkqp hqt tgrn{ rcemgvu0 kh vjg **uqwteg** mg{ yqtf ku rtgugpv qp cp **pvr ugtxgt** qt **pvr rggt** inqdcn  
eqphki wtcvkqp **eqo o** cpf. vjcv xcnwg qxgttkfgu vjg inqdcn xcnwg ugv d{ vjku

# ntp update-calendar

Vq rgtkqfkecm{ wrfcvg





show calendar

# show clock

Vq flurnc{ vjg vkog cpf fcvg htq o vjg u{uvgo uqhvyctg enqem. wug vjg **ujqy enqem** eq o o cpf kp wugt GZGG kp







show snmp

Vq ujqy kphqt o cvkqp cdqww vjg Uko ring Pgv y qtm Vk o g Rtqv qeqn \*UPVR+. wug vjg **ujqy upvreq** o o cpf kp GZGE  
o qfg qp c Ekueqk o g
