

	4. Create VLANS on both Switches
and the second second second	Switch (config) # vlan 45
	switch (config-trlan) # mame stooges
	smitch (config-vlan) # rame stooges smitch (config-vlan) # vlan 5
	Switch (config-vlan) # name Three
	Switch (config-vlan) # name Three Switch (config-vlan) # oxit
	* To volidate —
	Switch # Sh vlan brc
	5. Allocate Smitchporets to the specific VLAN -that is given -
	-that is given -
	Switch (config) # int range f 0/13-16
	Switch (config-if-range) # switch parct
	Switch (config) # int range f 0/13-16 Switch (config-if-range) # switchport mode access
	Stutch (config-inf-range) # int range foli7
	7
	Smitch (config-if-range) # smitchport access
	vlan 45
	4.4. 4.7
	6. runk suitchports which are needed to be
	trunked on the suitches
1	
	switch (config) # int range fo/1-2
	Switch (config) # int range f 0/1-2/ Switch (config-if-range) # Switchport mode trunk
	trunk
	Switch (config) # in range g1/0/11, g1/0/1-2 Switch (config-if-range) # Switch port mode
	Switch/config-if-range) # Switchport mode
	-trunk

ant	
management	
Configure 1 P Addresses on default gaterous Both Switches—)
Ball Cuilches	
DOTA SULTCIES	
1 1 1 0 / 6 7 11 0 1 1 1 6 1	
Switch 3 (config) # int van 451	166
Smitch 3 (config-if) # "p address 83.174.16.	165
255.255.259	. 248
Switch 3 (config-if) # exit	5
- lifely of the	
[Some way 54 as well.]	5
LINEY TIME SOUTH STREET STREET	Ę
while you will the production of the second	
8. Set default-Grateway) on both Switches	
sile silvo ye isan ni put Ni kadan ili yi kaziri.	
Smitch (config) # ip default-gateway)	•
32 174.16.166	
83.174.16.166 Smitch (config) # exit	
Sunton (Contia) # exit.	
·	
22 on a transfer of the Coperant is signed in thing	1
* défaut gatevay would be giren manager	ient
* défaut gatevoy vould be giren manager IP Address.	
A CANADA TO THE RESIDENCE OF THE PARTY OF TH	
The second secon	
Visit in the Same New York and the far-	
The selection of the se	
	1

9. Configure router - on -a-stick
Router (config) # int a) 0/0/1.5
Rouler (confid-Subif) # description to VLAN 5
Router (config-subif)# encapsulation dot1Q 5
Router (config) # int g/0/0/1.5 Router (config - Subif) # description to VLAN 5 Router (config - Subif) # encapsulation dot 19 5 Router (config - Subif) # ip address 23.174.16.126
255.255.255.128
* (Same way) configure all the subinterfa
with It Addressess,
prosperoza hit it is all
10. Loopback on Router _
Router (config) # int loopback 0
Router (config) # ip address 93.216.87.1
255.255.255.248
Router (config) # exit
Rouler (config) # description INTERNET HOST SIMULA
ROULETT COMPTION INTERNET HOST
* To validate -> Routere # 5h ip route 110
Southern's confirst mange of all 2
show i pump-landa of part-ti-lity of edition
and the second s
* To validate description or, test description
- 1 volicate - Smitch With change and
Router # sh înt description
V

If the descreiption doen-doesn't show and it is	
required to be shown - lun, Let's configure description on Router again.)
1 et s configure description	
Router again.	
Router (config) # int go/o/1 Router (config-if) # descreiption TRUNK TO CUPL Router (config-if) # int go/o/1.6 Router (config-if) # int go/o/1.5	1/
ROUTER (CONTIE) 77 COPI	<u>Y</u>
Router (config-17) # description	
Router (contig-it) # TO VLAN 5	
Router (config-if) # int go/0/1.5 Router (config-if) # description TO VLAN 5 Router (config-if) # description TO VLAN 5	
Poutere (config-it) # Int gold TO VIAN 481	
Router (config-if) # description 10 VLAN 451 Router (config-if) # int go/o/1.278 Router (config-if) # description TO VLAN 451	
The state of the s	
To validate -> # 3h int description_	
10 Validate - 77 or	
110 110 110 110 110 110 110 110 110 110	
Etheroretchannel Bunddling on both suitches-	
Switch 1 (config) fint range f 0/1-2	
Switch 1 (config-if-range) # shutdown	
	0
Switch1(config-if-range) # channel-group 1 molds	
Switch1(config-if-range)#	
Leading the Service Township to the British to the Service Township	
The square is the same in the	
Switch 3 (config) # int range g 0/1-2	
suitch3 (config-if-range) # channel-group 1 mode	
active.	
Considerate in the interior of the interior	
* To validate -> Suitch # Sh etherchannel	
Summery,	
Jul 111. Kej Caj	

	Fr 6 11 51. 16+5 6 21 021 16 511
	1 Root bridge / STP for VLANS on Switches
	A C A C A C A C A C A C A C A C A C A C
	Contract of Spanning trans where E 1.51
	Curly (config) # Spanning-tree vlan 5,451
	root priemary
	Curly (config)# exit
	to a villa and a property of the second
	* To vorcify /validate => Curly #5h spanning=tre
	Protes 1
	* VLAN number will be given on the
500	* VLAN number will be given on the
11	Moe (config) # Spanning-tree vlan 45,278
,	root premary
	* Suilab aarta aanal la disabla "
	* Suitch porcts must be disabled" means you have make it administratively down!
	have make it administratively down.
1 1	THE THE THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE

Security mode of priotect. Security mode of "mac address Sticky" - a maximum number of 9 Connected devices Moe (config) # "int range of folio 20 Moe (config) # "int range of folio 20 Moe (config) # "int range of folio 20 Moe (config) # switchport port security port security mac-address Moe (config) # switchport port security mac-address Moe (config) # switchport port security maximum **Moe(config) # switchport port security maximum **Eswitchport Security mode of rastruct? Config: from ## switchport port - security violation restruct.	
Moe (config) # int range # fo/17 - 20 Moe (config-if-range) # switchport port-security violation protect! Moe (config-if-range) # switchport port-security mac-address Moe (config-if-range) # switchport port-security mac-address Sticky Moe (config-if-range) # switchport port-security maximum Moe (config-if-range) # switchport port-security maximum	the second of protect.
Moe (config) # int range # fo/17 - 20 Moe (config-if-range) # switchport port-security violation protect! Moe (config-if-range) # switchport port-security mac-address Moe (config-if-range) # switchport port-security mac-address Sticky Moe (config-if-range) # switchport port-security maximum Moe (config-if-range) # switchport port-security maximum	Lity ountchport security mode of dires sticky"
Moe (config) # int range # fo/17 - 20 Moe (config-if-range) # switchport port-security violation protect! Moe (config-if-range) # switchport port-security mac-address Moe (config-if-range) # switchport port-security mac-address Sticky Moe (config-if-range) # switchport port-security maximum Moe (config-if-range) # switchport port-security maximum	Security mode of mac addition of 4
Moe (config) # int range # fo/17 - 20 Moe (config-if-range) # switchport port-security violation protect! Moe (config-if-range) # switchport port-security mac-address Moe (config-if-range) # switchport port-security mac-address Sticky Moe (config-if-range) # switchport port-security maximum Moe (config-if-range) # switchport port-security maximum	a maximum number
Moe (config)# int range # fo/17 - 20 Moe (config)# int range # switchport port-security Moe (config-if-range)# switchport port-security violation protect! Moe (config-if-range)# switchport port-security mac-address Sticky Moe(config-if-range)# switchport port-security maximum Moe(config-if-range)# switchport port-security maximum	Connected devices
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Moe (config-if-range)# switchport port-security violation protect Moe (config-if-range)# switchport port-security mac-address Sticky Moe (config-if-range)# switchport port-security maximum Moe (config-if-range)# switchport port-security maximum	Mag (canfa) # int range \$ fo/17 - 20
Moe(config-if-range)# switchport port-security > Moe(config-if-range)# switchport port-security maximum > Moe(config-if-range)# switchport port-security maximum	102 (config # Switchport port-securety)
Moe(config-if-range)# switchport port-security > Moe(config-if-range)# switchport port-security maximum > Moe(config-if-range)# switchport port-security maximum	110e (config - 17 - 101/4) 77 such country violation protect
Moe(config-if-range)# switchport port-security > Moe(config-if-range)# switchport port-security maximum > Moe(config-if-range)# switchport port-security maximum	Moe (config -11 7 sourcepory port
> Moe(config-if-range)# switchport port-securary muse.	mac-addiess
> Moe(config-if-range)# switchport port-securary muse.	Moe (config-if-range)# sturerpoint points sticky
me of crostruct?	1 Saurety maximum
me of crostruct?	Moe(config-if-range)# Switch port porti-security
Suitchporet Security mode of restruct? Config. if tury # suitch poret poret-security violation reestruct	The state of the s
Suitchporet Security) mode of restrict? Config.if-rung)# Switch poret poret-security vio ation restruct	
Suitchporet Security mode of restruct Config. if-rang # Suitch poret poret-security vio ation reastruct	
Config.if-rung)# Switch part port - Securety violation restruct	Total College of restrict
Config.if-rury # Switch porct porct-security vio ation restruct	- De Suitchpord Secures of
Contin-17-twy)## Swettract port	- Securety violation restrict
	Config-17-May ## Swetter porch

	Enable accessports, allocated to the
	Enable accessports, allocated to the given VLAN with Switchport security) modes frestrict, mac-address Sticky.
	modes f restict mas address
	Sticker
	SHICK Y.
	Mag (can be) 1/4 int
	Moe (config) # int range fo/21 - 24 Moe (config-if-range) # switchport mode access Moe (config-if-range) # switchport access vlan 278 Moe (config-if-range) # switchport port-security violation restrict
	110k (config-it-range) # suntchport mode access
	1960 config-if-range) # Switchport access van 278
-	Moe (config-if-range) # switchport port-security violation
	restrict
	Moe (config-if-range) # Switchport port-security mac-address
	Sticky
	4
	the state of the s
	* To validate -> Moe # 6h poret-security)
	" 19 TOCH SIL POICH - SECURITY)