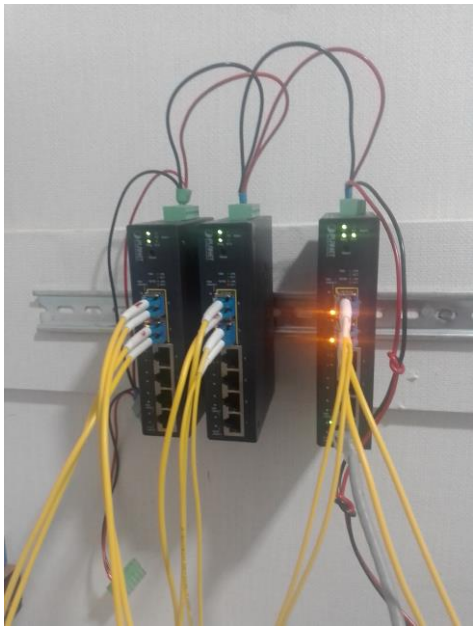
How to create Ethernet Ring Protection Switching (ERPS) Ring by using Ring Wizard

First, set up the IP address each IGS-4215-4T2S Switches properly

Note: Do not connect the Switches before the Ring configuration is completed.

The setup is

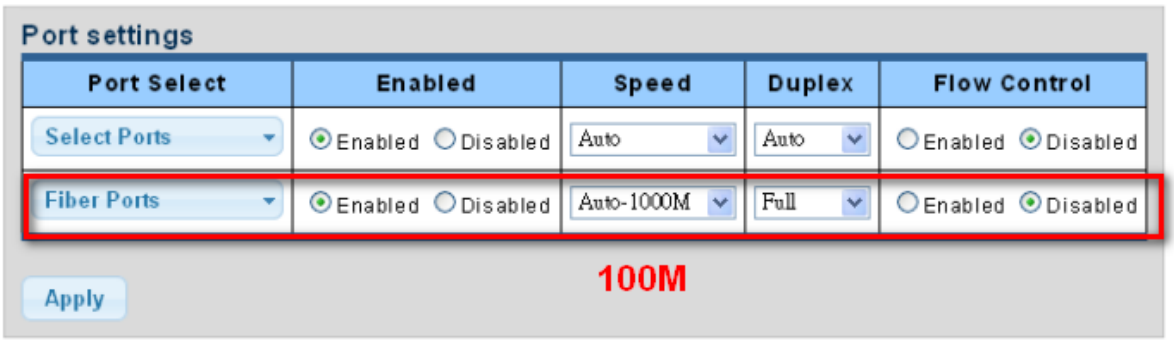


Fist of all we need to configure the port as per below

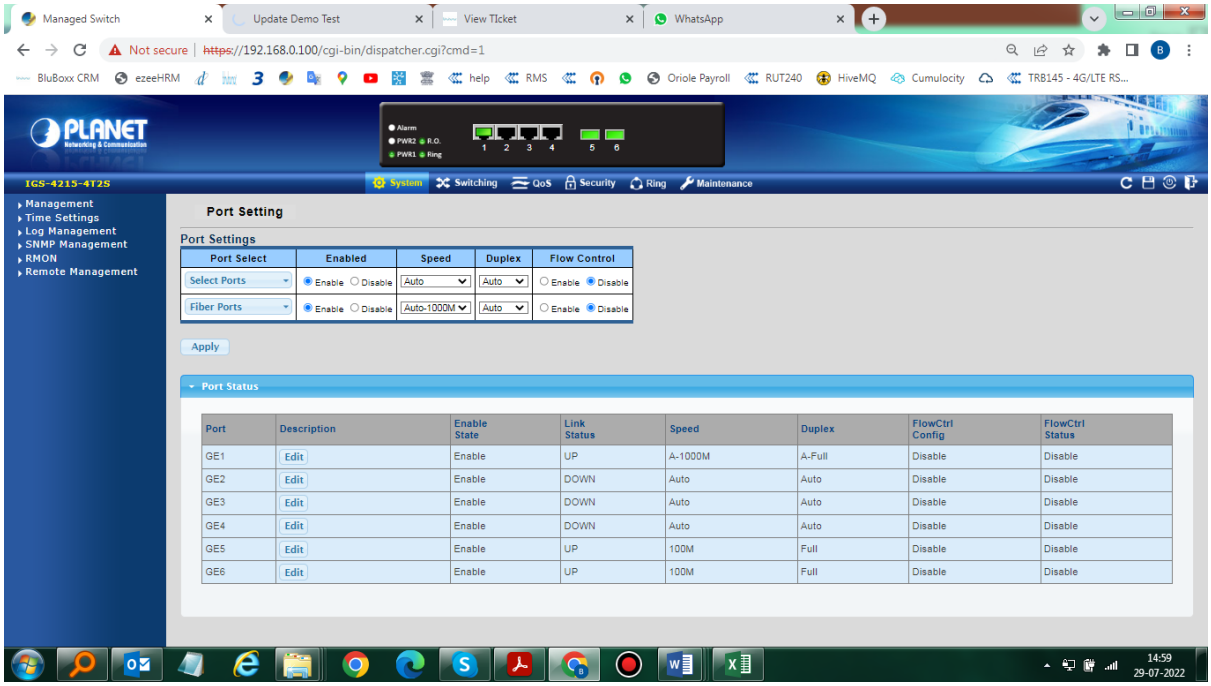
4.3.1 Port Configuration

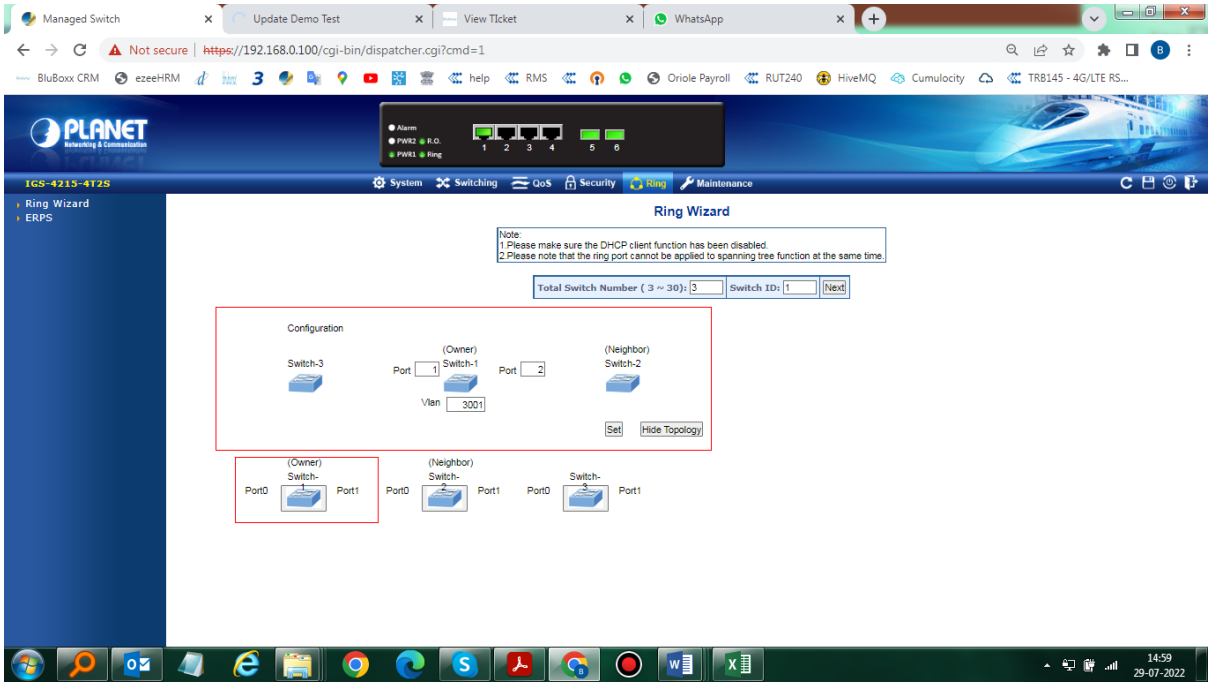
This page displays current port configurations and status. Ports can also be configured here. The table has one row for each port on the selected switch in a number of columns, which are:

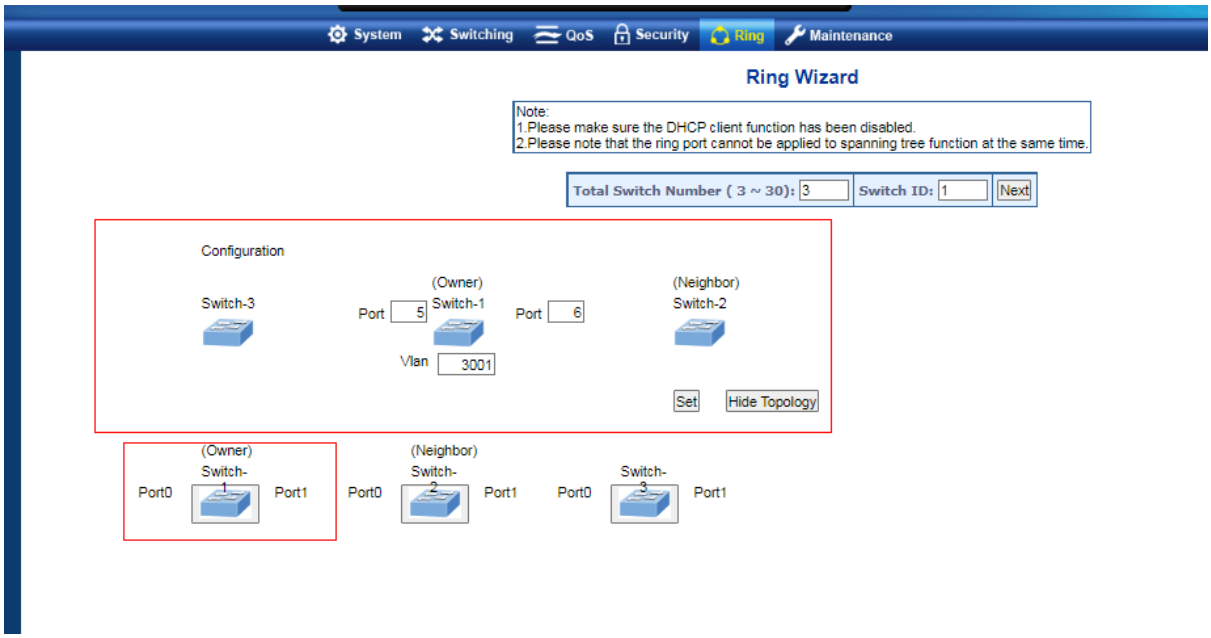
The Port Configuration screens in Figure 4-3-1 and Figure 4-3-2 appear.



The second step is to configure the Ring wizard

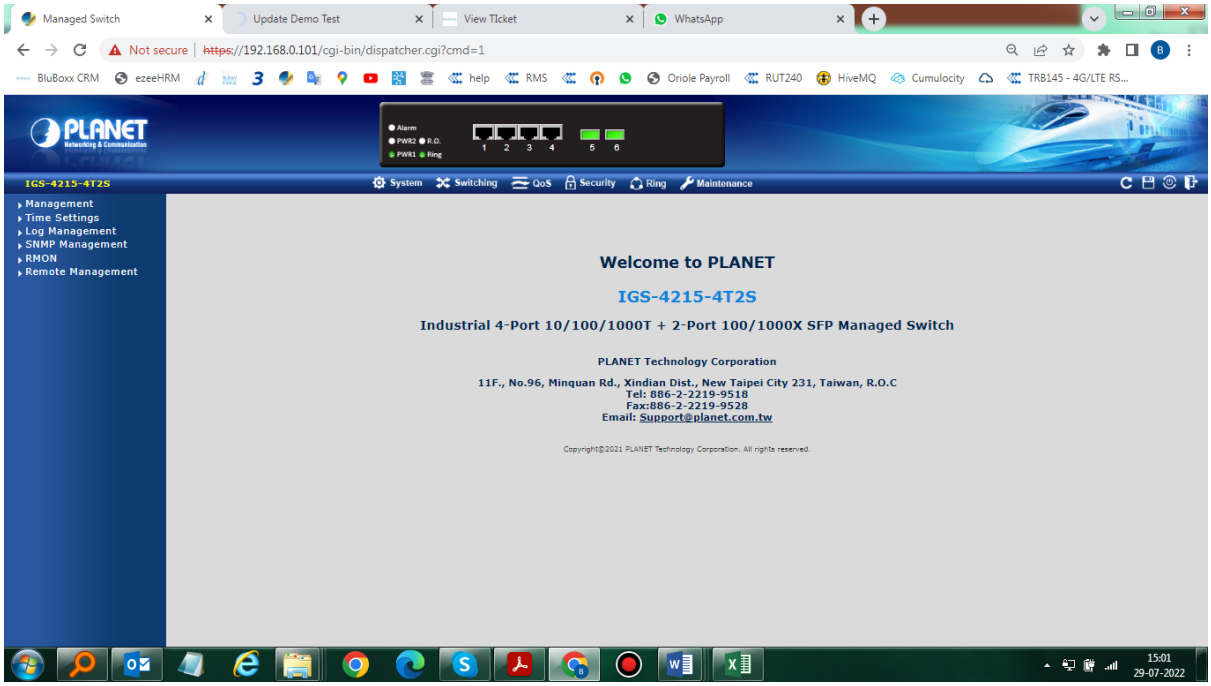

Managed Switch
Update Demo Test
View TIcket
WhatsApp
Not secure
https://192.168.0.100/cgi-bin/dispatcher.cgi?cmd=1
PLANET
IGS-4215-4T2S
System
Switching
QoS
Security
Ring
Maintenance
Management
Time Settings
Log Management
SNMP Management
RMON
Remote Management
Port Setting
Port Settings
Port Select
Enabled
Speed
Duplex
Flow Control
Select Ports
Fiber Ports
Apply
Port Status
Port
Description
Enable State
Link Status
Speed
Duplex
FlowCtrl Config
FlowCtrl Status
GE1 Edit Enable UP A-1000M A-Full Disable Disable
GE2 Edit Enable DOWN Auto Auto Disable Disable
GE3 Edit Enable DOWN Auto Auto Disable Disable
GE4 Edit Enable DOWN Auto Auto Disable Disable
GE5 Edit Enable UP 100M Full Disable Disable
GE6 Edit Enable UP 100M Full Disable Disable
14:59
29-07-2022





After the configuring the device it need to save and restart

On second device


Managed Switch
Update Demo Test
View TIcket
WhatsApp
Not secure https://192.168.0.101/cgi-bin/dispatcher.cgi?cmd=1
IGS-4215-4T2S
System Switching QoS Security Ring Maintenance
Management
Time Settings
Log Management
SNMP Management
RMON
Remote Management
Welcome to PLANET
IGS-4215-4T2S
Industrial 4-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch
PLANET Technology Corporation
11F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan, R.O.C
Tel: 886-2-2219-9518
Fax:886-2-2219-9528
Email: Support@planet.com.tw
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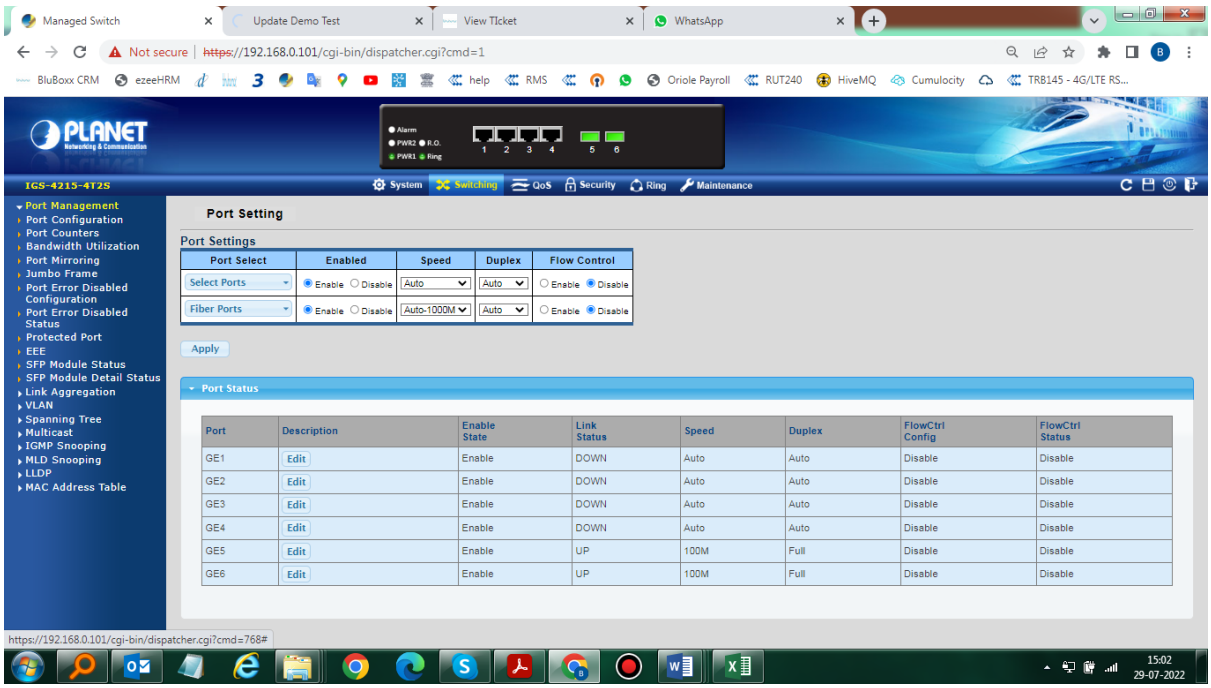
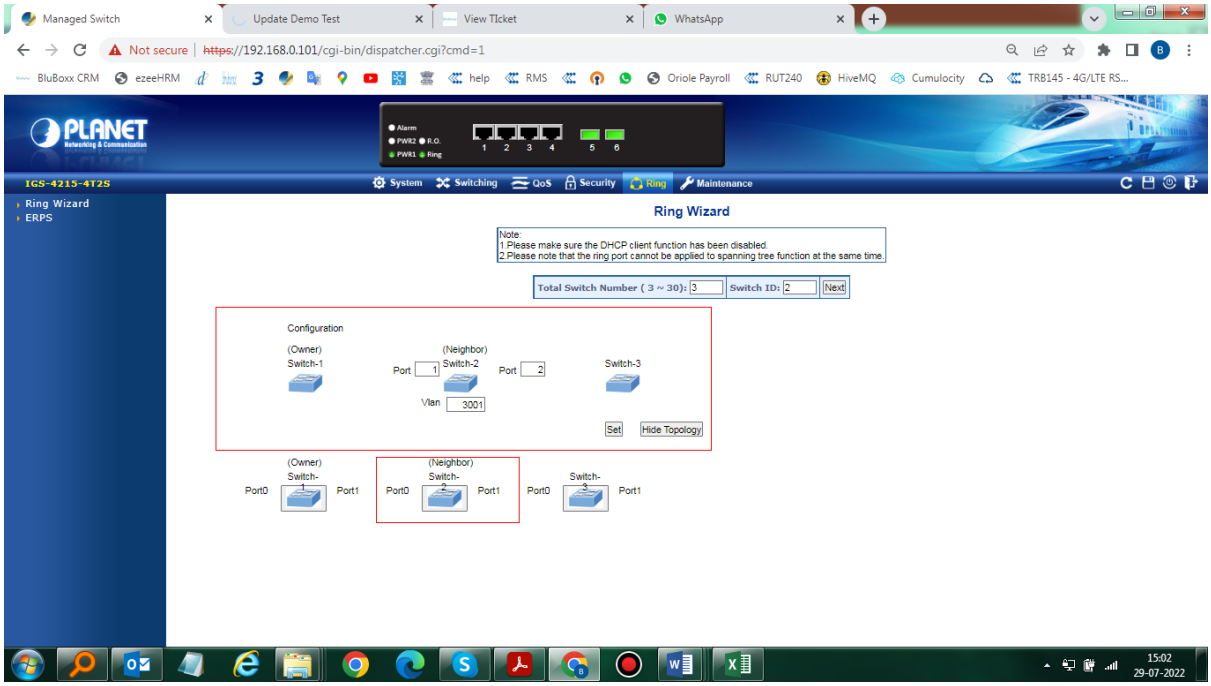
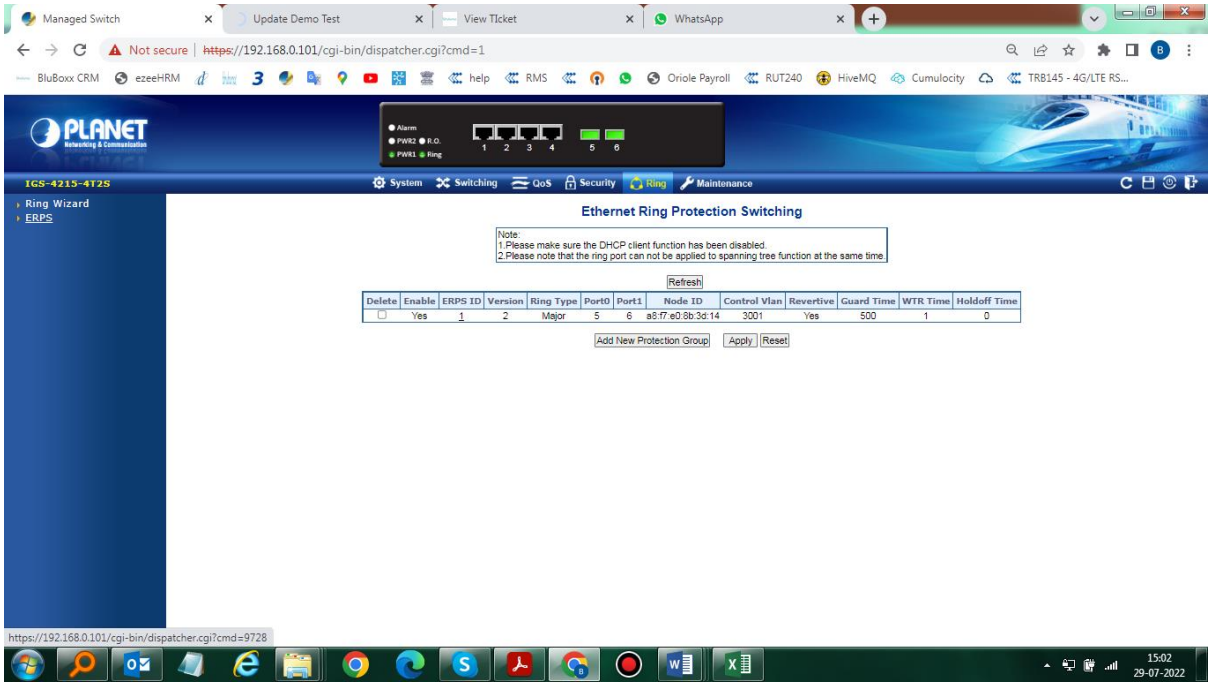
15:01
29-07-2022

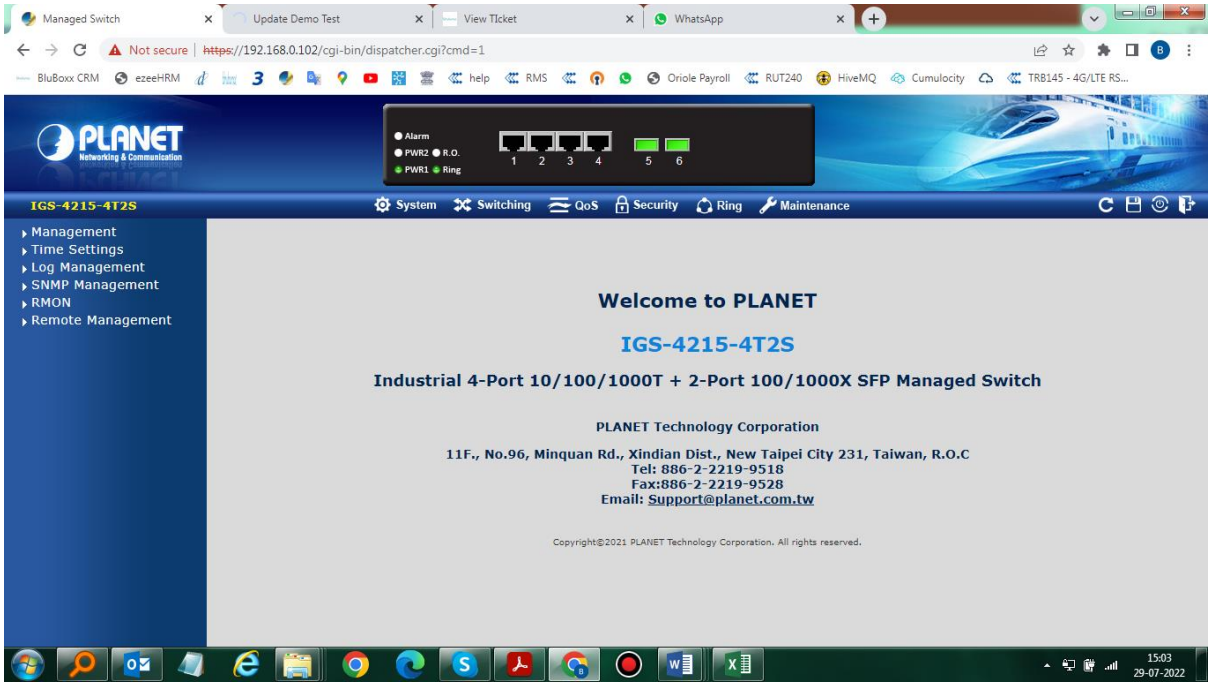

Managed Switch
Update Demo Test
View TIcket
WhatsApp
Not secure https://192.168.0.101/cgi-bin/dispatcher.cgi?cmd=1
IGS-4215-4T2S
System Switching QoS Security Ring Maintenance
Port Management
Port Configuration
Port Counters
Bandwidth Utilization
Port Mirroring
Jumbo Frame
Port Error Disabled Configuration
Port Error Disabled Status
Protected Port
EEE
SFP Module Status
SFP Module Detail Status
Link Aggregation
VLAN
Spanning Tree
Multicast
IGMP Snooping
MLD Snooping
LLDP
MAC Address Table
Port Setting
Port Settings
Port Select
Enabled
Speed
Duplex
Flow Control
Select Ports
Fiber Ports
Auto
Auto-1000M
Apply
Port Status
Port
Description
Enable State
Link Status
Speed
Duplex
FlowCtrl Config
FlowCtrl Status
GE1 Edit Enable DOWN Auto Auto Disable Disable
GE2 Edit Enable DOWN Auto Auto Disable Disable
GE3 Edit Enable DOWN Auto Auto Disable Disable
GE4 Edit Enable DOWN Auto Auto Disable Disable
GE5 Edit Enable UP 100M Full Disable Disable
GE6 Edit Enable UP 100M Full Disable Disable
https://192.168.0.101/cgi-bin/dispatcher.cgi?cmd=768#
15:02
29-07-2022





Save and restart

And the third device


Managed Switch
Update Demo Test
View TIcket
WhatsApp
Not secure
https://192.168.0.102/cgi-bin/dispatcher.cgi?cmd=1
IGS-4215-4T2S
System
Switching
QoS
Security
Ring
Maintenance
Management
Time Settings
Log Management
SNMP Management
RMON
Remote Management
Welcome to PLANET
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Industrial 4-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch
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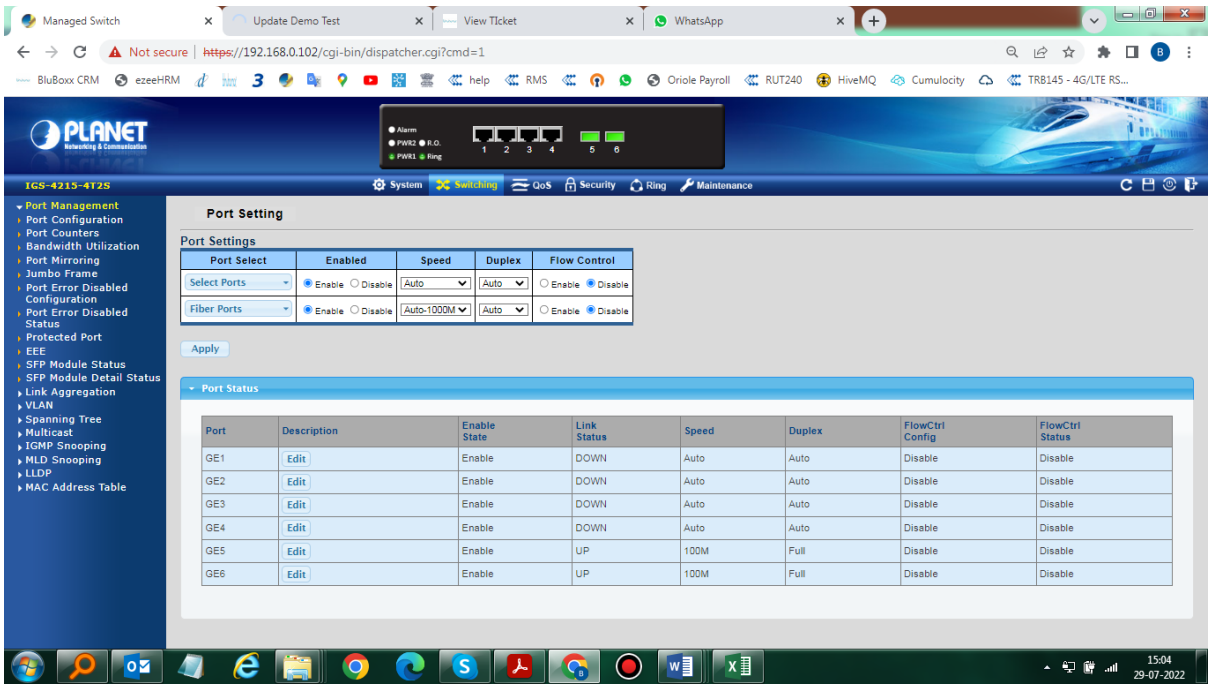
15:03
29-07-2022


Managed Switch
Update Demo Test
View TIcket
WhatsApp
Not secure
https://192.168.0.102/cgi-bin/dispatcher.cgi?cmd=1
IGS-4215-4T2S
System
Switching
QoS
Security
Ring
Maintenance
Port Management
Port Configuration
Port Counters
Bandwidth Utilization
Port Mirroring
Jumbo Frame
Port Error Disabled Configuration
Port Error Disabled Status
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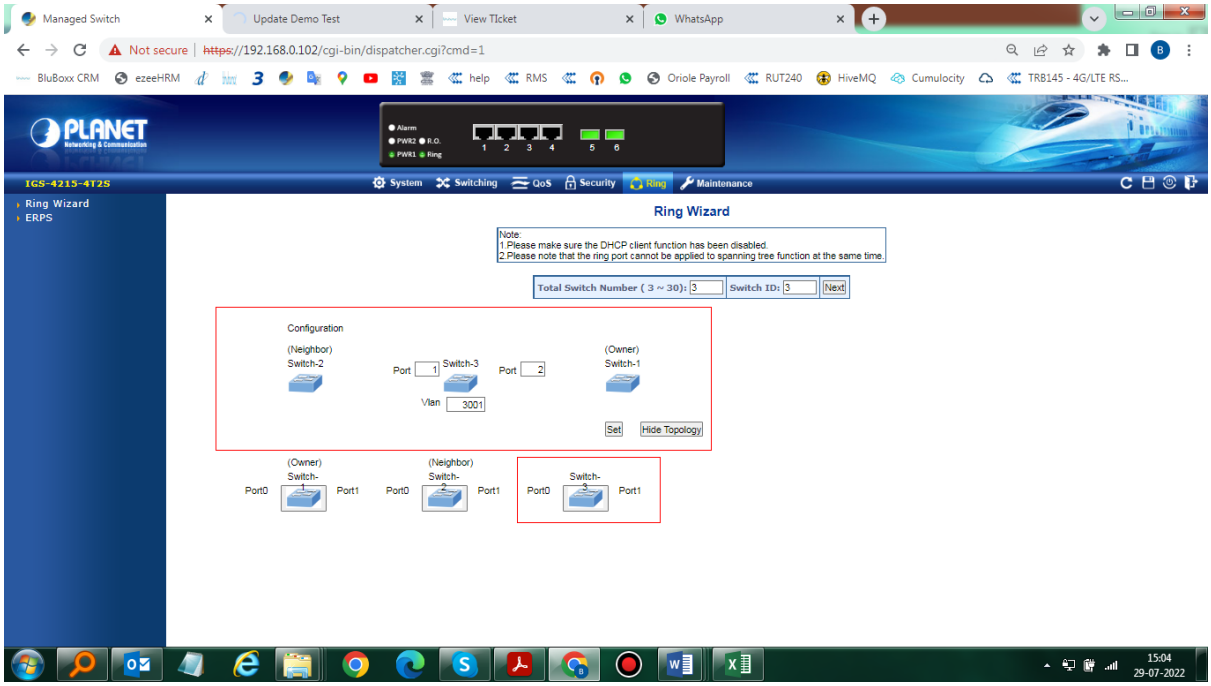
EEE
SFP Module Status
SFP Module Detail Status
Link Aggregation
VLAN
Spanning Tree
Multicast
IGMP Snooping
MLD Snooping
LLDP
MAC Address Table
Port Setting
Port Settings
Port Select
Enabled
Speed
Duplex
Flow Control
Select Ports
Fiber Ports
Apply
Port Status
Port
Description
Enable State
Link Status
Speed
Duplex
FlowCtrl Config
FlowCtrl Status
GE1 Edit Enable DOWN Auto Auto Disable Disable
GE2 Edit Enable DOWN Auto Auto Disable Disable
GE3 Edit Enable DOWN Auto Auto Disable Disable
GE4 Edit Enable DOWN Auto Auto Disable Disable
GE5 Edit Enable UP 100M Full Disable Disable
GE6 Edit Enable UP 100M Full Disable Disable
15:04
29-07-2022


Managed Switch
Update Demo Test
View TIcket
WhatsApp
Not secure
https://192.168.0.102/cgi-bin/dispatcher.cgi?cmd=1
BluBoxx CRM
ezeeHRM
help
RMS
Oriole Payroll
RUT240
HiveMQ
Cumulocity
TRB145 - 4G/LTE RS...
PLANET
IGS-4215-4T2S
System
Switching
QoS
Security
Ring
Maintenance
Ring Wizard
ERPS
Ring Wizard
Note:
1.Please make sure the DHCP client function has been disabled.
2.Please note that the ring port cannot be applied to spanning tree function at the same time.
Total Switch Number (3 ~ 30):
Switch ID:
Next
Configuration
(Neighbor)
Switch-2
Port
Switch-3
Port
(Owner)
Switch-1
Vlan
3001
Set
Hide Topology
(Owner)
Switch-1
Port0
Port1
(Neighbor)
Switch-2
Port0
Port1
Switch-3
Port0
Port1
15:04
29-07-2022