

Projeto Integrador

Redes de Computadores e Algoritmos

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Professores

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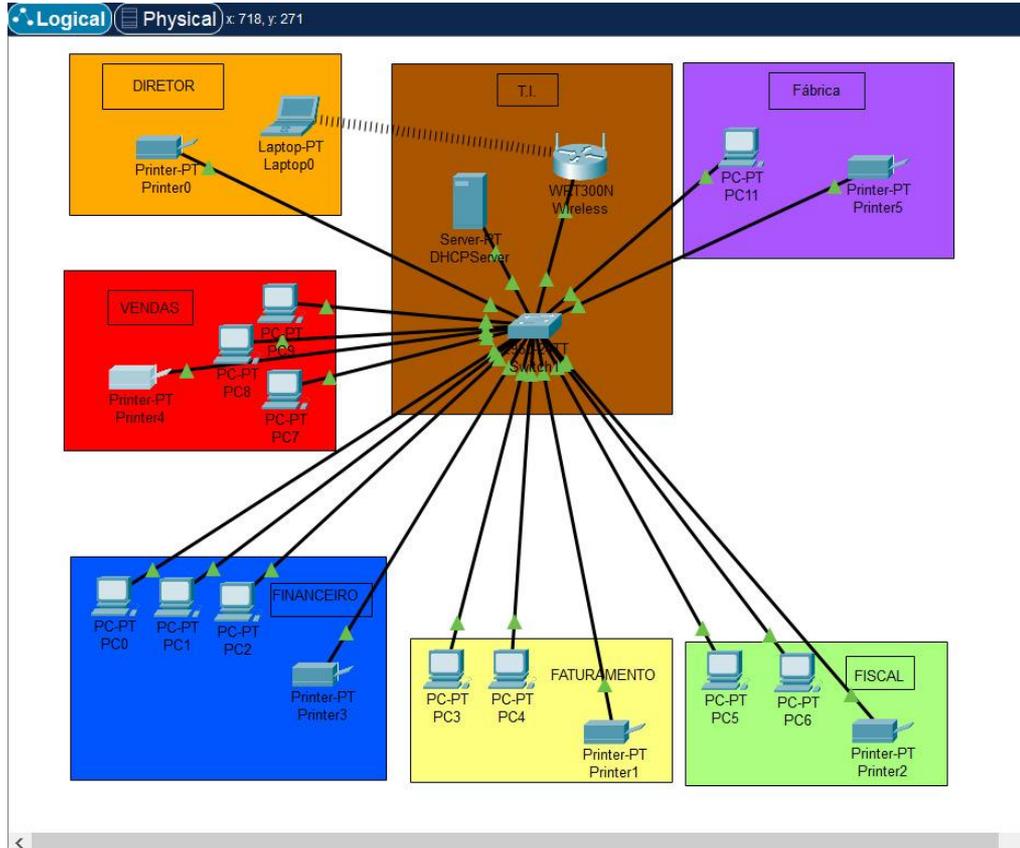
Introdução

- **Infraestrutura de redes;**
- **Empresa a ser implantada;**
- **Configuração da rede;**
- **Visão geral da rede implantada.**

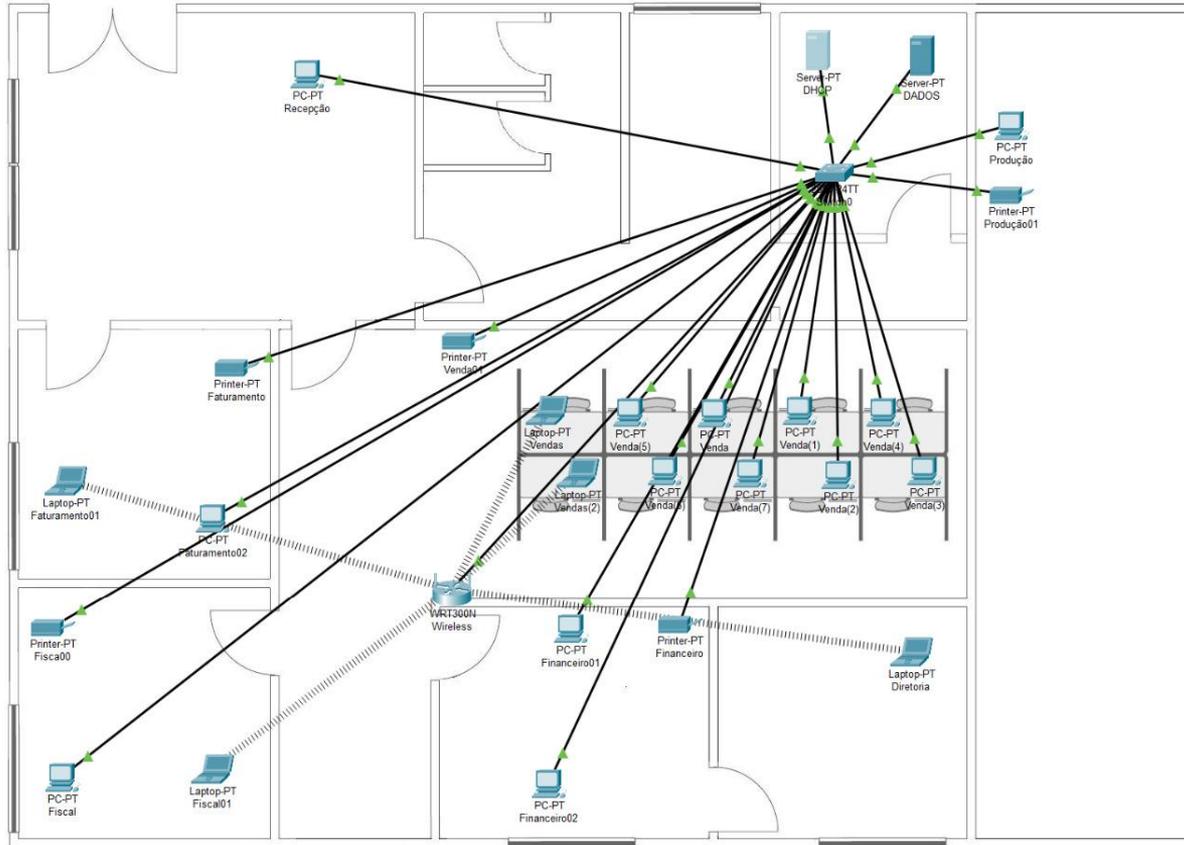
Objetivos

- **Objetivo geral: melhorar o desempenho da empresa na parte de tecnologia;**
- **Desenvolver toda a infraestrutura de redes da empresa.**

Esboço do Projeto



O Projeto



SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface: FastEthernet0 Service: On Off

Pool Name:

Default Gateway:

DNS Server:

Start IP Address:

Subnet Mask:

Maximum Number of Users:

TFTP Server:

WLC Address:

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.0.1	192.168.0.1	192.168.0.100	255.255.255.0	50	0.0.0.0	0.0.0.0

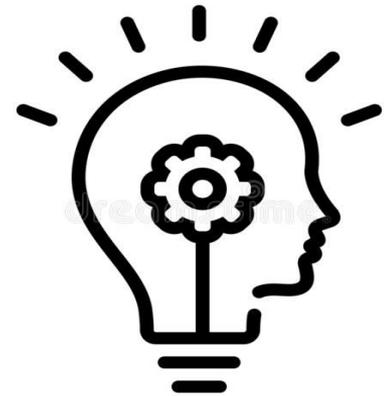
Device Name: Switch0
Custom Device Model: 2960 IOS15
Hostname: Switch

Port	Link	VLAN	IP Address	MAC Address
FastEthernet0/1	Up	1	--	00D0.FFEC.C901
FastEthernet0/2	Up	1	--	00D0.FFEC.C902
FastEthernet0/3	Up	1	--	00D0.FFEC.C903
FastEthernet0/4	Up	1	--	00D0.FFEC.C904
FastEthernet0/5	Up	1	--	00D0.FFEC.C905
FastEthernet0/6	Up	1	--	00D0.FFEC.C906
FastEthernet0/7	Up	1	--	00D0.FFEC.C907
FastEthernet0/8	Up	1	--	00D0.FFEC.C908
FastEthernet0/9	Up	1	--	00D0.FFEC.C909
FastEthernet0/10	Up	1	--	00D0.FFEC.C90A
FastEthernet0/11	Up	1	--	00D0.FFEC.C90B
FastEthernet0/12	Up	1	--	00D0.FFEC.C90C
FastEthernet0/13	Up	1	--	00D0.FFEC.C90D
FastEthernet0/14	Up	1	--	00D0.FFEC.C90E
FastEthernet0/15	Up	1	--	00D0.FFEC.C90F
FastEthernet0/16	Up	1	--	00D0.FFEC.C910
FastEthernet0/17	Up	1	--	00D0.FFEC.C911
FastEthernet0/18	Up	1	--	00D0.FFEC.C912
FastEthernet0/19	Up	1	--	00D0.FFEC.C913
FastEthernet0/20	Down	1	--	00D0.FFEC.C914
FastEthernet0/21	Down	1	--	00D0.FFEC.C915
FastEthernet0/22	Down	1	--	00D0.FFEC.C916
FastEthernet0/23	Down	1	--	00D0.FFEC.C917
FastEthernet0/24	Up	1	--	00D0.FFEC.C918
GigabitEthernet0/1	Up	1	--	00D0.FFEC.C919
GigabitEthernet0/2	Up	1	--	00D0.FFEC.C91A
Vlan1	Down	1	<not set>	0001.C90E.1B93

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch0

Conclusão

- **Packet Tracer ótimo aliado;**
- **Melhorias futuras do sistema;**
- **Construir o projeto desenvolvido.**



Muito Obrigado!!