



# 1. 3???? AD DS 配置配置 ??????????

1. IP 192.168.0.4 配置 DNS 服务器 → AD DS → 配置 DNS 服务器 → 配置 DNS 服务器
2. 配置 DNS 服务器
  - 配置 DNS 服务器名称: shuncom.local
  - 配置 DNS 服务器 IP: 192.168.0.4
  - 配置 DNS 服务器管理员: Administrator@shuncom.local
3. 配置 DNS 服务器
  - DNS 服务器名称: shuncom.local
  - 配置 DNS 服务器 GC: 配置 DNS 服务器 GC
  - 配置 DNS 服务器 RODC: 配置 DNS 服务器 RODC
4. 配置 AD DS 服务器: SYSVOL 配置 DNS 服务器
5. 配置 DNS 服务器: DSRM
6. 配置 DNS 服务器: 配置 DNS 服务器

“配置 DNS 服务器”

# 1. 4????????????

1. IP 0.4 配置 DNS 服务器

```
Get-ADDomainController -Filter * | ft Name,IPv4Address,IsGlobalCatalog,Domain,Site
```

2. 配置 DNS 服务器

```
repadmin /showrepl  
dcdiag /v /c /e
```

3. 配置 DNS 服务器

```
nslookup  
set type=SRV  
_ldap._tcp.dc._msdcs.shuncom.local
```

4. 配置 FSMO 服务器: 0.5

```
netdom query fsmo
```



3.  **Active Directory Domain Services (AD DS)**
4.  "  (Demote this domain controller)"
5. 
  - **"This domain controller is the last domain controller in the domain"**  DC
  - DSRM
6.  192.168.0.6  DC

## ????PowerShell???????

192.168.0.6  PowerShell

```
# 
Uninstall-ADDSDomainController `
  -DemoteOperationMasterRole:$false `
  -RemoveApplicationPartitions `
  -Credential (Get-Credential) `
  -ForceRemoval:$false `
  -LocalAdministratorPassword (ConvertTo-SecureString "YourLocalAdminPassw0rd!" -AsPlainText -
Force) `
  -Force
```

- -Credential
- -LocalAdministratorPassword
- -ForceRemoval:\$false

192.168.0.6

## 2.3???????????

1.  **AD**  **DC**   
 DC  **Active Directory Users and Computers (ADUC)**  **Domain**  
**Controllers**  192.168.0.6
2.  **DNS**   
 DNS  192.168.0.6  A  SRV  \_msdcs
3.



# 1. Schema Master??????

- schmmgmt.dll

```
regsvr32 schmmgmt.dll
```

- MMC Microsoft
  - Win+R → mmc
  - → / → Active Directory Schema
- Active Directory Schema → Active Directory → DC s-
- Active Directory Schema →

# 2. Domain Naming Master??????

- Active Directory Domains and Trusts
- Active Directory → DC
- →

# 3. RID Master / PDC Emulator / Infrastructure Master

- Active Directory Users and Computers
- Active Directory → DC
- → 3 RID PDC Infrastructure

# 3.3 PowerShell ???? FSMO ??

1. Windows PowerShell
2. FSMO

```
netdom query fsmo
```

3. s-dns1.shuncom.local







- `_kerberos._tcp.dc._msdcs.shuncom.local`

## ?? 4??? AD ?????

□□□

```
repadmin /syncall /AdeP
repadmin /replsummary
```

□□□ “0 fails” □□□□

## ?? 5?????????

```
repadmin /options S-DNS1 -DISABLE_OUTBOUND_REPL
repadmin /options S-DNS6 -DISABLE_OUTBOUND_REPL
```

## ?? 6???? FSMO ??????

□□□□□□□□□□

```
netdom query fsmo
nslookup shuncom.local
nltest /dclist:shuncom.local
```

□□□□

- FSMO □□□□ `S-DNS1.shuncom.local`
- DNS □□□□□□ IP
- `nltest` □□□□ DC □□□

## ? ??????????????????

1. □□□□ **DNS** □□

```
ipconfig /flushdns
```

2. **DC**

```
dcdiag /test:dns /v
repadmin /showrepl
```

3. **IP** **PTR**

- **IP** 192.168.0.4 **IP** 192.168.0.5 **PTR**

????????????

1	<b>AD</b>
2	<b>IP</b>
3	<b>DNS</b> <b>A / SRV / PTR</b>
4	<code>ipconfig /registerdns</code>
5	<b>AD</b> ( <code>repadmin /syncall /AdeP</code> )
6	<code>netdom query fsmo</code> <code>nslookup</code> <code>dcdiag</code>

**IP**  
**IP**  
**IP**

\*\*\***IP**

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