

## 3-3-8：每月巡检-邮箱详细信息统计并输出CSV

### 作者简介

曾垂鑫，毕业于中国人民大学商务管理专业。微软（2013-2017五届）MVP，具有丰富的项目实施和解决方案经验，51CTO传媒推荐博客、博客之星，微软MCP/MCTS/MCITP/MCSA/MCSE认证系统专家和解决方案顾问。

属于实战派的讲师，具备丰富的万人规模以上企业的运维经验。课程内容侧重于实战实用。

曾垂鑫的博客地址：<http://543925535.blog.51cto.com/>

曾垂鑫的课程地址：[http://edu.51cto.com/lecturer/index/user\\_id-639838.html](http://edu.51cto.com/lecturer/index/user_id-639838.html)

课程后续会形成完善的Windows运维工程师路线图，涵盖企业常用的Windows平台运维技术，后期课程包括但不限于AD、Exchange、Windows、System Center、Powershell、Hyper-v、Office 365等。

### 使用场景

每个月输出一次，方便分析邮箱的变化趋势，例如空间、人数等。

### 脚本内容

Powershell统计邮箱账户信息 - 曾垂鑫的技术专栏 - 51CTO技术博客 <http://543925535.blog.51cto.com/639838/1912791>

可以完美的将get-mailbox和get-mailboxstatistics结合起来使用。分享给大家

统计单个用户邮箱信息，用户名替换为要查询的用户名

```
ForEach($MailBox In (Get-Mailbox -ResultSize Unlimited -identity zengchuixin))
{
    Get-MailboxStatistics -Identity $MailBox | `
    Select-Object `
    @{Label="SAMAccountName";Expression={$MailBox.SAMAccountName}}, `
    @{Label="PrimarySmtpAddress";Expression={$MailBox.PrimarySmtpAddress}}, `
    @{Label="UserPrincipalName";Expression={$MailBox.UserPrincipalName}}, `
    @{Label="WhenCreated";Expression={$MailBox.WhenCreated}}, `
    @{Label="UseDatabaseQuotaDefaults";Expression={$MailBox.UseDatabaseQuotaDefaults}}, `
    @{Label="ProhibitSendReceiveQuota";Expression={$MailBox.ProhibitSendReceiveQuota}}, `
    @{Label="ProhibitSendQuota";Expression={$MailBox.ProhibitSendQuota}}, `
    @{Label="IssueWarningQuota";Expression={$MailBox.IssueWarningQuota}}, `
    @{Label="TotalItemSize(MB)";Expression={$ .TotalItemSize.value.ToMB()}}, `
    @{Label="TotalDeletedItemSize(MB)";Expression={$ .TotalDeletedItemSize.value.ToMB()}}, `
    @{Label="TotalSize(MB)";Expression={$ .TotalItemSize.value.ToMB() + $ .TotalDeletedItemSize.value.ToMB()}}, `
    ServerName, DatabaseName, DisplayName, DeletedItemCount, ItemCount, LastLogonTime, LastLoggedInUserAccount, `
    @{Label="HiddenFromAddressListsEnabled";Expression={$MailBox.HiddenFromAddressListsEnabled}}, `
    @{Label="OrganizationalUnit";Expression={$MailBox.OrganizationalUnit}}, `
    @{Label="DistinguishedName";Expression={$MailBox.DistinguishedName}}, `
    @{Label="EmailAddresses";Expression={$MailBox.EmailAddresses}} | `
    Export-Csv -Path C:\Users\exadmin\Desktop\AllMailbox.csv -Encoding Default -NoTypeInformation
}
```

统计所有用户邮箱信息

```
ForEach($MailBox In (Get-Mailbox -ResultSize Unlimited))
{
    Get-MailboxStatistics -Identity $MailBox | `
    Select-Object `
    @{Label="SAMAccountName";Expression={$MailBox.SAMAccountName}}, `
    @{Label="PrimarySmtpAddress";Expression={$MailBox.PrimarySmtpAddress}}, `
    @{Label="UserPrincipalName";Expression={$MailBox.UserPrincipalName}}, `
    @{Label="WhenCreated";Expression={$MailBox.WhenCreated}}, `
    @{Label="UseDatabaseQuotaDefaults";Expression={$MailBox.UseDatabaseQuotaDefaults}}, `
    @{Label="ProhibitSendReceiveQuota";Expression={$MailBox.ProhibitSendReceiveQuota}}, `
    @{Label="ProhibitSendQuota";Expression={$MailBox.ProhibitSendQuota}}, `
    @{Label="IssueWarningQuota";Expression={$MailBox.IssueWarningQuota}}, `
    @{Label="TotalItemSize(MB)";Expression={$ .TotalItemSize.value.ToMB()}}, `
    @{Label="TotalDeletedItemSize(MB)";Expression={$ .TotalDeletedItemSize.value.ToMB()}}, `
    @{Label="TotalSize(MB)";Expression={$ .TotalItemSize.value.ToMB() + $ .TotalDeletedItemSize.value.ToMB()}}, `
    ServerName, DatabaseName, DisplayName, DeletedItemCount, ItemCount, LastLogonTime, LastLoggedInUserAccount, `
    @{Label="HiddenFromAddressListsEnabled";Expression={$MailBox.HiddenFromAddressListsEnabled}}, `
    @{Label="OrganizationalUnit";Expression={$MailBox.OrganizationalUnit}}, `
    @{Label="DistinguishedName";Expression={$MailBox.DistinguishedName}}, `
    @{Label="EmailAddresses";Expression={$MailBox.EmailAddresses}} | `
    Export-Csv -Path C:\Users\exadmin\Desktop\AllMailbox.csv -Encoding Default -NoTypeInformation -Append
}
```

统计某一个OU下的所有邮箱用

需要修改OU的路径为自己公司要查询的OU的路径

```
ForEach($MailBox In (Get-Mailbox -OrganizationalUnit "OU=帐号,OU=test,DC=contoso,DC=local" -ResultSize unlimited))
{
    Get-MailboxStatistics -Identity $MailBox.name | `
    Select-Object `
    @{Label="SAMAccountName";Expression={$MailBox.SAMAccountName}}, `
    @{Label="PrimarySmtpAddress";Expression={$MailBox.PrimarySmtpAddress}}, `
```

```

@{Label="UserPrincipalName";Expression={$MailBox.UserPrincipalName}}, `
@{Label="WhenCreated";Expression={$MailBox.WhenCreated}}, `
@{Label="UseDatabaseQuotaDefaults";Expression={$MailBox.UseDatabaseQuotaDefaults}}, `
@{Label="ProhibitSendReceiveQuota";Expression={$MailBox.ProhibitSendReceiveQuota}}, `
@{Label="ProhibitSendQuota";Expression={$MailBox.ProhibitSendQuota}}, `
@{Label="IssueWarningQuota";Expression={$MailBox.IssueWarningQuota}}, `
@{Label="TotalItemSize (MB)";Expression={$ .TotalItemSize.value.ToMB()}}, `
@{Label="TotalDeletedItemSize (MB)";Expression={$ .TotalDeletedItemSize.value.ToMB()}}, `
@{Label="TotalSize (MB)";Expression={$ .TotalItemSize.value.ToMB() + $ .TotalDeletedItemSize.value.ToMB()}}, `
ServerName,DatabaseName,Displayname,DeletedItemCount,ItemCount,LastLogonTime,LastLoggedOnUserAccount, `
@{Label="HiddenFromAddressListsEnabled";Expression={$MailBox.HiddenFromAddressListsEnabled}}, `
@{Label="OrganizationalUnit";Expression={$MailBox.OrganizationalUnit}}, `
@{Label="DistinguishedName";Expression={$MailBox.DistinguishedName}}, `
@{Label="EmailAddresses";Expression={$MailBox.EmailAddresses}} | `
Export-Csv -Path C:\Users\exadmin\Desktop\public.csv -Encoding Default -append -NoTypeInformation -Append
}

```