

3-1-5：邮箱管理-统计邮箱的使用空间

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

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

统计邮箱使用空间TOP10的用户

分析整体的使用趋势（100GB以上；100GB-50GB，50GB以下）

通过EMC的方式查看



通过EMS的方式查看

查看单个用户

Get-MailboxStatistics -Identity user3 | ft DisplayName,TotalItemSize

```
[PS] C:\>Get-MailboxStatistics -Identity user3 | ft DisplayName,TotalItemSize
```

DisplayName	TotalItemSize
User3	539.4 KB (552,378 bytes)

查看所有用户

Get-MailboxDatabase | Get-MailboxStatistics | ft DisplayName,TotalItemSize

```
[PS] C:\>Get-MailboxDatabase | Get-MailboxStatistics | ft DisplayName,TotalItemSize
```

DisplayName	TotalItemSize
SystemMailbox{bb99eb02-518c-40ad-9c01-da3448a5a7eb}	387.7 KB (396,992 bytes)
Microsoft Exchange	420.3 KB (430,339 bytes)
HealthMailbox-ex1601-Mailbox-Database-1921887399	27.2 MB (28,519,440 bytes)
就地存档 - HealthMailbox-ex1601-Mailbox-Database-1921887399	10.63 KB (10,886 bytes)
Microsoft Exchange Migration	84.58 KB (86,608 bytes)
就地存档 - HealthMailbox-ex1601-002	10.02 KB (10,256 bytes)
HealthMailbox-ex1601-002	18.17 KB (18,608 bytes)
mailuser100	69.37 KB (71,032 bytes)
mailuser101	69.49 KB (71,155 bytes)
user3-存档	39.02 KB (39,957 bytes)
SystemMailbox{e6fd4692-5bea-4d18-9095-65655a99ba5f}	652 KB (667,626 bytes)
HealthMailbox-ex1601-test	10.35 MB (10,854,233 bytes)
就地存档 - HealthMailbox-ex1601-test	10.14 KB (10,380 bytes)
IT	3.448 KB (3,531 bytes)

在查看的同时可以对结果进行排序并导出到CSV文件。

Get-MailboxDatabase | Get-MailboxStatistics | select DisplayName,TotalItemSize | Sort-Object TotalItemSize -Descending | Export-Csv c:\usermailbox.csv -NoTypeInfoInformation -Encoding Default

```
[PS] C:\>Get-MailboxDatabase | Get-MailboxStatistics | select DisplayName,TotalItemSize | Sort-Object TotalItemSize -Descending | Export-Csv c:\usermailbox.csv -NoTypeInfoInformation -Encoding Default
```

结果

usermailbox.csv - 记事本

DisplayName	TotalItemSize
HealthMailbox-ex1601-Mailbox-Database-1921887399	27.2 MB (28,519,440 bytes)
HealthMailbox-ex1601-test	10.35 MB (10,854,233 bytes)
mailuser20 mailuser20	1.92 MB (2,013,134 bytes)
rmsuser1	1.883 MB (1,974,562 bytes)
mailuser1	1.192 MB (1,249,529 bytes)
mailuser2	720.3 KB (737,559 bytes)
SystemMailbox{e6fd4692-5bea-4d18-9095-65655a99ba5f}	652 KB (667,626 bytes)
User3	539.4 KB (552,378 bytes)
User4	472.1 KB (483,469 bytes)
Microsoft Exchange	420.3 KB (430,339 bytes)
SystemMailbox{bb99eb02-518c-40ad-9c01-da3448a5a7eb}	387.7 KB (396,992 bytes)
Administrator	183.6 KB (187,992 bytes)
投影机1	126.4 KB (129,484 bytes)
Room1	113.2 KB (115,872 bytes)
zengchuixin101	111.9 KB (114,632 bytes)
User2	92.29 KB (94,504 bytes)
Microsoft Exchange Migration	84.58 KB (86,608 bytes)
exadmin	81.65 KB (83,606 bytes)
mailuser101	69.49 KB (71,155 bytes)
mailuser100	69.37 KB (71,032 bytes)
mailuser10	68.89 KB (70,545 bytes)

查看某个ou的用户

Get-Mailbox -OrganizationalUnit "OU=IT,DC=demo,DC=com" | Get-MailboxStatistics | select DisplayName,TotalItemSize

```
[PS] C:\>Get-Mailbox -OrganizationalUnit "OU=IT,DC=demo,DC=com" | Get-MailboxStatistics | select DisplayName,TotalItemSize
```

DisplayName	TotalItemSize
-----	-----
rmsuser1	1.883 MB (1,974,562 bytes)
投影仪1	126.4 KB (129,484 bytes)
Room1	113.2 KB (115,872 bytes)
投影仪2	3.537 KB (3,622 bytes)
Room3	31.22 KB (31,969 bytes)
Room5	59.14 KB (60,555 bytes)
sharemailbox001	23.11 KB (23,669 bytes)
sharemailbox002	22.14 KB (22,674 bytes)
mailuser101	69.49 KB (71,155 bytes)
mailuser20 mailuser20	1.92 MB (2,013,134 bytes)
mailuser2	720.3 KB (737,559 bytes)
mailuser100	69.37 KB (71,032 bytes)
mailuser11	10.96 KB (11,228 bytes)
mailuser12	2.625 KB (2,688 bytes)
mailuser13	9.609 KB (9,840 bytes)
mailuser14	9.637 KB (9,868 bytes)
mailuser15	9.609 KB (9,840 bytes)
mailuser16	9.609 KB (9,840 bytes)
mailuser17	9.609 KB (9,840 bytes)
mailuser18	9.609 KB (9,840 bytes)
mailuser19	9.609 KB (9,840 bytes)