Performance for Office 365 Backup Run on AhsayCBS

This article contains the performance testing result for Ahsay's Office 365 initial full backup running on AhsayCBS Server. We also used Veeam v4 as the benchmark to see how our solution stacks up.

System specifications for running the test

- Application: CBS V8.3.2.11
- Device: VM B16ms on Azure (East Asia)
- CPU: Intel(R) Xeon(R) CPU E5-2673 v4@2.30GHz (No. of Processors: 16)
- Memory: 64GB RAM
- Storage: Standard SSD
- OS: Linux (centos 7.7.1908) for Ahsay / Windows Server 2019 for Veeam

Result

Use Case	Description	Initial Full Backup
1.	O365 Outlook + OneDrive files backup	**No. of users:** 50 (each with 1GB emails and 7GB OneDrive files) **Data Size:** 400GB (50GB of emails and 350GB of OneDrive files) **Time Used by Veeam v4:** 16 hr 10 min **Time Used by Ahsay:** 11 hr 40 min (28% faster)
2.	O365 Outlook backup	**No. of users:** 50 (each with 1GB emails) **Data Size:** 50GB **Time Used by Veeam v4:** 3 hr 55 min **Time Used by Ahsay:** 2 hr 25 min (38% faster)
3.	OneDrive files backup	**No. of users:** 50 (each with 7GB OneDrive files) **Data Size:** 350GB **Time Used by Veeam v4:** 14 hr 54 min **Time Used by Ahsay:** 9 hr 15 min (38% faster)