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Virtana Workload Placement Profiling Express Service

"Cloud" migrations to public or private clouds are in full swing. At Virtana, we are keenly aware that enterprises are under tremendous pressure to quickly realize the business benefits promised by cloud migrations but estimating how much it will cost to migrate can be complex and lengthy process.

Accelerate Your Cloud Migration and Stop the Guessing

Our Workload Placement Profiling Express Service is designed to provide the highest precision and fastest cloud cost estimates. We can quickly provide cost estimates for the following use cases:

- Evacuating an on-premises data center for the cloud
- Targeting a set of virtual machines or physical servers for migration
- Supporting rapid "Go/No Go" Phase 1 funding assessments for Cloud Service Provider migration, e.g., AWS MAP program
- Obtaining an initial estimate for the cloud cost, with application dependency mapping and other in-depth analysis to follow later

The Virtana Advantage

We leverage Virtana Infrastructure Performance Management - the industry-leading infrastructure observability platform - to collect high fidelity time series data that is quickly analyzed to provide an estimate of what it will cost to migrate to AWS or Azure. We enable "Cloud Smart" decisions by delivering accurate cost estimates in a fraction of the time it takes other solutions and services. Our cost estimates are conveniently grouped by workload time series demand characteristics like "As-Is', Peak Value, and 99th and 95th percentile. The Profiling Express services is an affordable and fast turnkey solution with no confusing license schemes or hidden costs - you simply tell us how many compute instances should be included and whether AWS and/or Azure cost estimates are required.

Deliverable

The service provides a Cloud Service Provider cost estimate that includes compute and storage, grouped by As Is, Peak Value, and 99th and 95th percentiles, making it easy to see what it will cost to migrate.

Application	Compute Name	Entity Type	Instance Fit	Storage Fit	instance_id	os_type	cost_mont	Cloud Storage Disks	stor_0 nar	storage_name	storage size	cost_storage month 0	storage io_0	storage thp	cost_month total	cost_Egress month	cost_month all
Orchestration Portal	ORCHs-SQLDB:vm-	Virtual	Pass	Pass	Standard_D8as_v5	linux	247.68	2	CHI-SYI	Standard SSDE40	1536	153.6	279	41.49	$660	$6,233	$6,894
BMC	WPS-GMTE-CM01:	Virtual	Pass	Pass	Standard_D2_v4	linux	69.12	2	TPX-VC	Standard SSDE1	4	0.3	0	0.00	$79	$0	$79
Single Sign On Portal	SSO-AGENT1:vm-1	Virtual	Pass	Pass	Standard_D2_v4	windows	135.36	1	CHI-SRI	Standard SSDE10	80	9.6	66	5.28	$145	$0	$145
DataExtraction	Extraction_Loading	Virtual	Pass	Pass	Standard_F4s_v2	linux	121.68	1	CHI-SRI	Standard SSDE6	50	4.8	1	0.03	$126	$0	$126
DataExtraction	Extraction_Loading	Virtual	Pass	Pass	Standard_D4_v4	linux	138.24	1	CHI-SRI	Standard SSDE15	150	19.2	0	0.05	$157	$0	$157
Backup	BackUp1:vm-13305	Virtual	Pass	Pass	Standard_D16s_v5	windows	1082.88	2	CHI-SRI	Premium SSDP50	3072	495.57	712	20.32	$2,525	$594	$3,119
Single Sign On Portal	SSO-AGENT2:vm-1	Virtual	Pass	Pass	Standard_D2as_v5	windows	128.16	1	CHI-SRI	Standard SSDE10	80	9.6	20	3.93	$138	$0	$138
Content Management	Venus-Content-Mg	Virtual	Pass	Pass	Standard_F8s_v2	linux	243.36	1	CHI-DE	Standard SSDE10	100	9.6	5	0.07	$253	$9	$262
Content Management	Venus-TMS-2016:v	Virtual	Pass	Pass	Standard_D2s_v4	windows	135.36	1	CHI-DE	Premium SSDP20	512	73.22	1252	38.85	$209	$0	$209
Business Intel	ORCH-Bus_Intel-0:	Virtual	Pass	Pass	Standard_D2_v4	windows	135.36	1	CHI-SYI	Standard SSDE10	80	9.6	62	4.59	$145	$0	$145
Engineering Dev	DEVTEST01:vm-141	Virtual	Pass	Pass	Standard_D2as_v5	windows	128.16	1	C-CS-CI	Standard SSDE10	80	9.6	210	5.33	$138	$7	$144
DC	Domain-Controller	Virtual	Pass	Pass	Standard_F4s_v2	windows	234.72	1	CHI-SRI	Premium SSDP15	256	38.01	513	13.67	$273	$4	$276
DC	Domain-Controller	Virtual	Pass	Pass	Standard_F4s_v2	windows	234.72	1	CHI-SRI	Premium SSDP20	512	73.22	1128	11.05	$308	$2	$310
DataExtraction	Extraction_Loading	Virtual	Pass	Pass	Standard_F4s_v2	linux	121.68	1	CHI-SRI	Standard SSDE10	100	9.6	1	0.18	$131	$0	$131
DataExtraction	Extraction_Loading	Virtual	Pass	Pass	Standard_D2as_v5	linux	61.92	1	CHI-SRI	Standard SSDE6	50	4.8	1	0.03	$67	$0	$67
Container	Container-02:vm-1	Virtual	Pass	Pass	Standard_E4as_v5	linux	162.72	2	CHI-DO	Standard SSDE10	100	9.6	11	0.24	$211	$2	$213
Business Intel	ORCH_Bus_Intel-0:	Virtual	Pass	Pass	Standard_D4_v4	windows	270.72	1	CHI-SYI	Standard SSDE10	80	9.6	72	5.02	$280	$0	$280
Container	Container-03:vm-1	Virtual	Pass	Pass	Standard_D2_v4	linux	69.12	2	CHI-DO	Standard SSDE10	100	9.6	6	0.39	$117	$0	$117

Azure_us-east_AS_IS | Azure_us-east_MAX | Azure_us-east_99PCTL | Azure_us-east_95PCTL

Figure 1: Cloud Mapping and Cost Estimate for On-Premises Infrastructure Grouped by Percentile

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