

*Leareate Education
New EADS Monitoring & Event
Management Estimate*



Request ID: SR10679777

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Overview

The Leareate Education Monitoring & Event management (M&E) estimates contained within this document is to provide shared ITM and Netcool services to monitor/manage approximately 2330 servers, and 423 DB instances.

This labor estimate is for EADS resource forecasting only and is not a commitment to implement and or provide M&E services.

Link to Service Request Tool => [NGR Prod](#)

M&E Requirements

The M&E requirements are defined below:

- Build 4 RTEMS to support approximately 3000 Agents (Agent Redundancy)
 - Includes Ping Probe for Up/Down Server monitoring
- 2300 Base ITM OS Agents
- 322 Oracle DB instances
- 101 MS SQL DB instances

M&E Labor Estimate

This is the estimated labor totals from the EADS internal cost model tool. ***This M&E labor estimate is good for only 30 days from date of creation.***

If the account team's DPE has approved the M&E labor estimate and the proper licenses (if required) have been purchased, then the DPE will approve this in the Service Request Tool. The Service Request will then go into the implementation phase.

The DPE/Account Team will also be required to provide the following items in the Service Request in the implementation phase of the request:

- An implementation CLAIM code that will be used to do the transition/transformation work.

Note: Depending upon the complexity of the request and/or the availability of resources it may take up to 90 days to staff M&E resources.

The dedicated redundant M&E solution will require the following infrastructure components:

Function	Number	Type	Parameters
ITM RTEMS with remote Netcool Probes	2	RedHat VM	2 CPU, 12GB RAM, 300GB Storage
ITM RTEMS	2	RedHat VM	2 CPU, 8GB RAM, 300GB Storage

Transition hours & Support Cost

The table below provides a summary to build 4 ITM RTEMS and configure GSMA monitoring for approximately 3000 agents.

M&E Transition Estimate			
Organization	Job Family	Role	Total Estimated Hours
GDC (Brazil/India)	IT Specialist	L3 Monitoring	2125
GDC (Brazil/India)	IT Specialist	L4 Monitoring	1055
GDC (Brazil/India)	IT Specialist	L4 Netcool	232
EADS - USA	IT Architect	Operations Architect	131
EADS - USA	IT Architect	Systems Engineer	394
EADS - USA	Project Management	Focal (PM)	437
Total Support Hours			4374
EADS - USA	Management	Manager	219
Total Labor (+Management)			4593

Estimated Operational Support Costs

The estimated Operational Support costs for the Monitoring and Event management (M&E) services are **24,162/month**. EADS is a rated service; therefore the estimated monthly bill is not dependent upon resource types used to support the M&E environment.

Labor Breakout by Band Levels

The table below may be used to calculate transition labor costs.

Organization	Job Family	Role	Band
Brazil/India GDC	IT Specialist	L1/L2	Blended B6/B7
Brazil/India GDC	IT Specialist	L3/L4	Blended B7/B8
US DDC	IT Specialist	L1/L2	Blended B3/B4/B5
US DDC	IT Specialist	L3	Blended B4/B5
North America (US/CA)	IT Specialist	L3	Blended B7/B8
North America (US/CA)	IT Specialist	L4	Blended B7/B8
North America (US/CA)	IT Architect	Solution Architect	Blended B7/B8
North America (US/CA)	IT Architect	Systems Engineer	Blended B7/B8
North America (US/CA)	Project Manager	PM	Blended B7/B8

Licenses

The following license needs to be purchased for each server being managed by the shared or dedicated M&E service. The account team should contact [IBM Tech-Line](#) to obtain an official quote for the required licenses.

The estimated numbers of licenses are based upon the number of servers and middle-ware agents provided for the M&E estimate. The table below provides the part numbers and the discounted pricing for IBM Monitoring & Event management licenses.

Product	Part Number	GTS Estimated Cost
IBM Monitoring License ITM ITM for Virtual Environments SmartCloud Monitoring SCM-Application Insight ITCAM for Microsoft Applications Advanced	D1FWULL	\$122.25/each
IBM APM License ITCAM for Applications Three Agent Pack ITCAM for Applications Full Pack ITCAM for Transactions SmartCloud APM Standard SmartCloud APM Non-Production	D1HMGLL	\$1,055.00/each
IBM AD License IBM Application Performance Diagnostics ITCAM for Application Diagnostics	D12G7LL	\$727.50/each
Netcool Device License IBM Netcool Operations Insight Operations Management PA Managed Virtual Server Lic + SW S&S 12 Mo	D141VLL	\$49.20/each

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