RE: REG: Tomcat_upgrade--Compatability check

Divyabharathi Sundaram <ext_divyabharathi.sundaram@malaysiaairlines.com>

Wed 5/8/2020 2:37 PM

To: Rajashekarreddy Kasireddy kasireddy@malaysiaairlines.com; Reshmi Joseph kasireddy@malaysiaairlines.com; Reshmi Joseph kasireddy@malaysiaairlines.com; Reshmi Joseph kasireddy@malaysiaairlines.com; Reshmi Joseph Vunnava <ext_chennakesavarao.vunnava@malaysiaairlines.com>; GD_AMS_EVR <GD_AMS_EVR@malaysiaairlines.com>; GD_AMS_IDVS

<GD AMS IDVS@malaysiaairlines.com>; GD AMS MHREFUND <GD AMS MHREFUND@malaysiaairlines.com>; GD AMS MHSSP

 $<\!GD_AMS_MHSSP@malaysia airlines.com\!>; GD_AMS_MHmessenger <\!GD_AMS_MHmessenger@malaysia airlines.com\!>; GD_AMS_TATSSIM$

 $<\!GD_AMS_PasswordResetPortal@malaysia airlines.com>; GD_AMS_MHLMSDCS <\!GD_AMS_MHLMSDCS@malaysia airlines.com>; GD_AMS_ODRM$

<GD_AMS_ODRM@malaysiaairlines.com>; GD_AMS_SCV <GD_AMS_SCV@malaysiaairlines.com>; GD_AMS_SRAS <GD_AMS_SRAS@malaysiaairlines.com>;

GD_AMS_FSIS <GD_AMS_FSIS@malaysiaairlines.com>; GD_AMS_GATS <GD_AMS_GATS@malaysiaairlines.com>; GD_AMS_PRS

<GD_AMS_PRS@malaysiaairlines.com>; GD_AMS_ITCB <GD_AMS_ITCB@malaysiaairlines.com>

Cc: GD_TCSMidrange <GD_TCSMidrange@malaysiaairlines.com>; Wan Mohd Husni Wan Hussein <ext_wanmohdhusni.wanhussein@malaysiaairlines.com>; Nur Rabiatul Adawiyah Kae Ahmad Dahniar <ext_rabiatul.kaeahmad01@malaysiaairlines.com>

Hi Rajashekar,

Noted, thanks for confirmation. We will raise CR for upgrading tomcat for the below list of application and send for review approval.

Application Name	Current version	To be upgraded
EVR		
IDVS		
MHLDB		
MHREFUND		
MHSMS		
MHSSP		
MOBILITY	8.5.9	9.0.36
NMHLINKS		
Pros-Web Services		
SCV		
SPRP		
TATS-SSIM		

WINDOWS:

Application Name	Current version	To be upgraded	
GATS	7.0.56		
ITCB	9.0.0.M8	9.0.36	
PVS	8.5.23		

NOTE:

As part of sras-readiness CR we have upgraded tomcat in below application already.

Application Name	Current version
SRAS-JAVA	9.0.36

Regards,

DivyaBharathi.S

TCS - Infra Midrange SME Malaysia Airlines Berhad

From: Rajashekarreddy Kasireddy [mailto:ext_rajasekharreddy.kasireddy@malaysiaairlines.com]

Sent: Wednesday, August 5, 2020 1:48 PM

To: Divyabharathi Sundaram; Reshmi Joseph; Chenna Kesavarao Vunnava; GD_AMS_EVR; GD_AMS_IDVS; GD_AMS_MHREFUND; GD_AMS_MHSSP;

GD_AMS_MHmessenger; GD_AMS_TATSSIM; GD_AMS_MHSMS; GD_AMS_PasswordResetPortal; GD_AMS_MHLMSDCS; GD_AMS_ODRM;

GD_AMS_SCV; GD_AMS_SRAS; GD_AMS_FSIS; GD_AMS_GATS; GD_AMS_PRS; GD_AMS_ITCB

Cc: GD_TCSMidrange; Wan Mohd Husni Wan Hussein; Nur Rabiatul Adawiyah Kae Ahmad Dahniar

Subject: Re: REG: Tomcat_upgrade--Compatability check

Hi Divya,

We have verified and below applications are compatible, but we need to modify the configuration in the application code and which need to be deployed in UAT and Production as well.

Regards,

Rajashekar

From: Divyabharathi Sundaram < ext_divyabharathi.sundaram@malaysiaairlines.com >

Sent: Wednesday, 5 August, 2020 1:23 PM

To: Rajashekarreddy Kasireddy < ext_rajasekharreddy.kasireddy@malaysiaairlines.com; Reshmi Joseph < ext_rajasekharreddy.kasireddy@malaysiaairlines.com; Reshmi Joseph < ext_reshmi.joseph@malaysiaairlines.com; Reshmi Joseph < <a href="mailto:ext_rajasekharreddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasireddy.kasire Chenna Kesavarao Vunnava < ct.chenna Kesavarao.vunnava@malaysiaairlines.com">ct.chenna Kesavarao.vunnava@malaysiaairlines.com; GD_AMS_EVR < GD_AMS_EVR@malaysiaairlines.com; GD_AMS_EVR < GD_AMS_EVR@malaysiaairlines.com; GD_AMS_EVR < GD_AMS_EVR < a href="ma

GD_AMS_IDVS <<u>GD_AMS_IDVS@malaysiaairlines.com</u>>; GD_AMS_MHREFUND <<u>GD_AMS_MHREFUND@malaysiaairlines.com</u>>; GD_AMS_MHSSP <<u>GD_AMS_MHSSP@malaysiaairlines.com</u>>; GD_AMS_MHmessenger <<u>GD_AMS_MHmessenger@malaysiaairlines.com</u>>; GD_AMS_TATSSIM

<<u>GD_AMS_TATSSIM@malaysiaairlines.com</u>>; GD_AMS_MHSMS <<u>GD_AMS_MHSMS@malaysiaairlines.com</u>>; GD_AMS_PasswordResetPortal

<<u>GD_AMS_PasswordResetPortal@malaysiaairlines.com</u>>; GD_AMS_MHLMSDCS <<u>GD_AMS_MHLMSDCS@malaysiaairlines.com</u>>; GD_AMS_ODRM

<<u>GD_AMS_ODRM@malaysiaairlines.com</u>>; GD_AMS_SCV <<u>GD_AMS_SCV@malaysiaairlines.com</u>>; GD_AMS_SRAS

<<u>GD_AMS_SRAS@malaysiaairlines.com</u>>; GD_AMS_FSIS <<u>GD_AMS_FSIS@malaysiaairlines.com</u>>; GD_AMS_GATS

<GD AMS GATS@malaysiaairlines.com>; GD AMS PRS GD AMS PRS@malaysiaairlines.com>; GD AMS ITCB

<<u>GD_AMS_ITCB@malaysiaairlines.com</u>>

Cc: GD_TCSMidrange < GD_TCSMidrange@malaysiaairlines.com>

Subject: RE: REG: Tomcat_upgrade--Compatability check

Hi All,

Kindly update on the below mail.

Regards,

DivyaBharathi.S

TCS - Infra Midrange SME

Malaysia Airlines Berhad

From: Rajashekarreddy Kasireddy [mailto:ext_rajasekharreddy.kasireddy@malaysiaairlines.com]

Sent: Thursday, July 30, 2020 3:45 PM

To: Reshmi Joseph; Chenna Kesavarao Vunnava; Divyabharathi Sundaram; GD_AMS_EVR; GD_AMS_IDVS; GD_AMS_MHREFUND; GD_AMS_MHSSP;

GD AMS MHmessenger; GD AMS TATSSIM; GD AMS MHSMS; GD AMS PasswordResetPortal; GD AMS MHLMSDCS; GD AMS ODRM;

GD_AMS_SCV; GD_AMS_SRAS; GD_AMS_FSIS; GD_AMS_GATS; GD_AMS_PRS; GD_AMS_ITCB

Cc: GD TCSMidrange

Subject: Re: REG: Tomcat_upgrade--Compatability check

Hi Reshmi,

We are in the process of analyzing and validating the impact of the application w.r.t tomcat upgrade. We will update it by next weekend.

Regards,

Rajashekar

From: Reshmi Joseph < ext_reshmi.joseph@malaysiaairlines.com

Sent: Thursday, 30 July, 2020 3:09 PM

To: Chenna Kesavarao Vunnava < ext chennakesavarao.vunnava@malaysiaairlines.com >; Divyabharathi Sundaram

<ext divyabharathi.sundaram@malaysiaairlines.com>; GD_AMS_EVR <GD_AMS_EVR@malaysiaairlines.com>; GD_AMS_IDVS

<GD AMS IDVS@malaysiaairlines.com>; GD AMS MHREFUND</GD AMS MHREFUND@malaysiaairlines.com>; GD AMS MHSSP

<<u>GD_AMS_MHSSP@malaysiaairlines.com</u>>; GD_AMS_MHmessenger <<u>GD_AMS_MHmessenger@malaysiaairlines.com</u>>; GD_AMS_TATSSIM

<GD AMS TATSSIM@malaysiaairlines.com>; GD AMS MHSMS <GD AMS MHSMS@malaysiaairlines.com>; GD AMS PasswordResetPortal <<u>GD_AMS_PasswordResetPortal@malaysiaairlines.com</u>>; GD_AMS_MHLMSDCS <<u>GD_AMS_MHLMSDCS@malaysiaairlines.com</u>>; GD_AMS_ODRM

<<u>GD_AMS_ODRM@malaysiaairlines.com</u>>; GD_AMS_SCV <<u>GD_AMS_SCV@malaysiaairlines.com</u>>; GD_AMS_SRAS

<<u>GD_AMS_SRAS@malaysiaairlines.com</u>>; GD_AMS_FSIS <<u>GD_AMS_FSIS@malaysiaairlines.com</u>>; GD_AMS_GATS

<<u>GD_AMS_GATS@malaysiaairlines.com</u>>; GD_AMS_PRS <<u>GD_AMS_PRS@malaysiaairlines.com</u>>; GD_AMS_ITCB

< GD_AMS_ITCB@malaysiaairlines.com>

Cc: GD_TCSMidrange < GD_TCSMidrange@malaysiaairlines.com >

Subject: RE: REG: Tomcat_upgrade--Compatability check

Hi All,

Kindly update on below mail.

Regards,

Reshmi Joseph

TCS - Infra Midrange SME

Malaysia Airlines Berhad

From: Venkata Karthick < ext-venkata.karthick@malaysiaairlines.com>

Sent: Monday, July 27, 2020 8:23 PM

To: Chenna Kesavarao Vunnava < ext chennakesavarao.vunnava@malaysiaairlines.com >; Divyabharathi Sundaram

 $<\!\!\underline{\mathsf{cxt_divyabharathi.sundaram@malaysiaairlines.com}}; \mathsf{GD_AMS_EVR} <\!\!\underline{\mathsf{GD_AMS_EVR@malaysiaairlines.com}}; \mathsf{GD_AMS_IDVS}$

<GD AMS IDVS@malaysiaairlines.com>; GD AMS MHREFUND</GD AMS MHREFUND@malaysiaairlines.com>; GD AMS MHSSP

<<u>GD_AMS_MHSSP@malaysiaairlines.com</u>>; GD_AMS_MHmessenger <<u>GD_AMS_MHmessenger@malaysiaairlines.com</u>>; GD_AMS_TATSSIM

<GD_AMS_TATSSIM@malaysiaairlines.com>; GD_AMS_MHSMS<GD_AMS_MHSMS@malaysiaairlines.com>; GD_AMS_PasswordResetPortal <<u>GD_AMS_PasswordResetPortal@malaysiaairlines.com</u>>; GD_AMS_MHLMSDCS <<u>GD_AMS_MHLMSDCS@malaysiaairlines.com</u>>; GD_AMS_ODRM

<GD AMS ODRM@malaysiaairlines.com>; GD AMS SCV <GD AMS SCV@malaysiaairlines.com>; GD AMS SRAS

<<u>GD_AMS_SRAS@malaysiaairlines.com</u>>; GD_AMS_FSIS <<u>GD_AMS_FSIS@malaysiaairlines.com</u>>; GD_AMS_GATS

<<u>GD_AMS_GATS@malaysiaairlines.com</u>>; GD_AMS_PRS <<u>GD_AMS_PRS@malaysiaairlines.com</u>>; GD_AMS_ITCB

< GD AMS ITCB@malaysiaairlines.com>

Cc: GD TCSMidrange < GD TCSMidrange@malaysiaairlines.com> Subject: RE: REG: Tomcat_upgrade--Compatability check

As per penetration test results, IRG have requested to upgrade the tomcat to latest version

Plugin Name	Severity	Plugin Text	Synopsis	Description	Solution	See Also	Risk Factor	CVE
Apache Tomcat 9.0.0 < 9.0.35 Remote Code Execution	Medium	Plugin Output: Installed version : 9.0.0. Fixed version : 9.0.35	The remote Apache Tomcat server is affected by a remote code execution vulnerability	The version of Tomcat installed on the remote host is prior to 9.0.35. It is, therefore, affected by a remote code execution vulnerability as referenced in the fixed_in_apache_tomcat_9.0.35_security-9 advisory. Note that Nessus has not tested for this issue but has instead relied only on the application's self-reported version number.	Upgrade to Apache Tomcat version 9.0.35 or later.	http://www.nessus.org/u? 1c58824c	Medium	CVE- 2020- 9484

Thanks & Regards,

Venkata Karthick R TCS - Infra Midrange SME Malaysia Airlines Berhad H/P: +601-7343-4262

From: Chenna Kesavarao Vunnava [mailto:ext_chennakesavarao.vunnava@malaysiaairlines.com]

Sent: Monday, July 27, 2020 10:51 AM

To: Divyabharathi Sundaram; GD_AMS_EVR; GD_AMS_IDVS; GD_AMS_MHREFUND; GD_AMS_MHSSP; GD_AMS_MHmessenger; GD_AMS_TATSSIM; GD AMS MHSMS; GD AMS PasswordResetPortal; GD AMS MHLMSDCS; GD AMS ODRM; GD AMS SCV; GD AMS SRAS; GD AMS FSIS;

GD_AMS_GATS; GD_AMS_PRS; GD_AMS_ITCB

Cc: GD TCSMidrange

Subject: RE: REG: Tomcat_upgrade--Compatability check

Dear Venkata and Team,

As per the recent conversation, Please update the details to AMS Team

Security constraint reasons from IRG Team to upgrade the version from version 8.5.39 to 9.0.36.

Thanks & Regards,

Chenna Kesav (Chenna)

ATOS-AMS

Support Facilities Building, Sepang 64000, Malaysia

From: Divyabharathi Sundaram < ext_divyabharathi.sundaram@malaysiaairlines.com

Sent: Friday, July 24, 2020 11:43 AM

To: GD_AMS_EVR < GD_AMS_EVR@malaysiaairlines.com >; GD_AMS_IDVS < GD_AMS_IDVS@malaysiaairlines.com >; GD_AMS_MHREFUND

<<u>GD_AMS_MHREFUND@malaysiaairlines.com</u>>; GD_AMS_MHSSP <<u>GD_AMS_MHSSP@malaysiaairlines.com</u>>; GD_AMS_MHmessenger

<<u>GD_AMS_MHmessenger@malaysiaairlines.com</u>>; GD_AMS_TATSSIM <<u>GD_AMS_TATSSIM@malaysiaairlines.com</u>>; GD_AMS_MHSMS <<u>GD_AMS_MHSMS@malaysiaairlines.com</u>>; <u>GD_AMS_PasswordResetPortal <<u>GD_AMS_PasswordResetPortal@malaysiaairlines.com</u>>;</u>

GD_AMS_MHLMSDCS <GD_AMS_MHLMSDCS@malaysiaairlines.com>; GD_AMS_ODRM <GD_AMS_ODRM@malaysiaairlines.com>; GD_AMS_SCV

<<u>GD_AMS_SCV@malaysiaairlines.com</u>>; GD_AMS_SRAS <<u>GD_AMS_SRAS@malaysiaairlines.com</u>>; GD_AMS_FSIS

<GD AMS FSIS@malaysiaairlines.com>; GD AMS GATS <GD AMS GATS@malaysiaairlines.com>; GD AMS PRS

<<u>GD_AMS_PRS@malaysiaairlines.com</u>>; GD_AMS_ITCB <<u>GD_AMS_ITCB@malaysiaairlines.com</u>>

Cc: GD_TCSMidrange < GD_TCSMidrange@malaysiaairlines.com >

Subject: REG: Tomcat_upgrade--Compatability check

Hi All,

We have planned for tomcat upgrade to latest version 9.0.36, kindly check the application compatibility and update us with your inputs. If upgrade is not feasible because of application code, we would need ITNC for the same.

Application Name	Current version	To be upgraded
EVR		
IDVS		
MHLDB		
MHREFUND		
MHSMS		
MHSSP		
MOBILITY	8.5.9	9.0.36

l	NMHLINKS		
	Pros-Web Services		
ĺ	SCV		
ĺ	SPRP		
Ī	TATS-SSIM		

WINDOWS:

Application Name	Current version	To be upgraded
GATS	7.0.56	
ITCB	9.0.0.M8	9.0.36
PVS	8.5.23	

Regards, **DivyaBharathi.S**TCS - Infra Midrange SME Malaysia Airlines Berhad