

Avaya Solution & Interoperability Test Lab

Sample Avaya Communication Manager Meet-me Conference Configuration for the Conservation of DID Numbers - Issue 1.0

Abstract

These Application Notes describe how to configure a sample Avaya Communication Manager Meet-me Conference configuration for the conservation of Direct Inward Dialing (DID) numbers. Since the Meet-me conference feature uses Vector Directory Numbers (VDNs), a global DID extension can be configured to map to a vector that collects the Meet-me conference VDN extension and checks in a vector routing table for the collected extension. If the collected extension is in the routing table, external users are automatically routed to the appropriate Meet-me Conference; otherwise they are disconnected.

1. Introduction

These Application Notes describe how to configure a sample Avaya Communication Manager Meet-me Conference configuration for the conservation of Direct Inward Dialing (DID) numbers. Since as the Meet-me conference feature uses Vector Directory Numbers (VDNs), a global DID extension can be configured to map to a vector that collects the Meet-me conference VDN extension and checks in a vector routing table for the collected extension. If the collected extension is in the routing table, external users are automatically routed to the appropriate Meetme Conference; otherwise they are disconnected.

The configuration depicted in **Figure 1** illustrates the network configuration used to verify the Avaya Communication Manager Meet-me Conference configuration described in these Application Notes.



Figure 1: Avaya Communication Manager Meet-me Conference Configuration

2. Equipment and Software Validated

The following equipment and software were used for the sample configuration provided:

Equipment	Version
Avaya S8700 Media Servers running Avaya Communication	2.1.1
Manager	
Avaya G650 Media Gateway	
Avaya TN2312BP IPSI Circuit Packs	HW03 – FW0009
Avaya TN799DP C-LAN Circuit Pack	HW01 – FW0011
Avaya TN2302AP MEDPRO Circuit Pack	HW03 – FW0075
Avaya TN464F DS1 Interface Circuit Pack	Vintage 20
Avaya 4620SW IP Telephones	2.1.1
Avaya IP Softphones	5.1

Table 1: Equipment and Software Validated

3. Avaya S8700 Media Server Configuration

The following sections describe how to configure the necessary parameters to build a Meet-me conference configuration for the conservation of DID numbers.

Note: These Application Notes assume the C-LAN and IP Media Processor (also known as Prowler or MedPro) circuit packs in the Avaya G650 Media Gateway and Avaya S8700 Media Server have been previously administered.

3.1. Checking Avaya Communication Manager Licenses

To configure Meet-me Conference, Avaya Communication Manager licenses must be obtained and activated. The next series of steps can be performed to check if Avaya Communication Manager has sufficient licenses to configure Meet-me Conferences. Contact your Avaya representative if the required highlighted feature below is not enabled.

Step	Description						
1.	From the Avaya Communication Manager SAT screen, issue the command "display system- parameters customer-options". Go to Page 4 and verify that the "Enhanced						
	Conferencing " feature is set to "y".						
	display system-parameters customer-option	As Page 4 of 11					
	OPTIONAL	FEATURES					
	Forced Entry of Account Codes? y Global Call Classification? y Hospitality (Basic)? y Multi Hospitality (G3V3 Enhancements)? y IP Trunks? y IP Attendant Consoles? y Mul	Multimedia Call Handling (Enhanced)? y Multinational Locations? n tiple Level Precedence & Preemption? y					
	IP Stations? y Internet Protocol (IP) PNC? y	Multiple Locations? y Personal Station Access (PSA)? y					
	(NOTE: You must logoff & login to						

3.2. Administering Feature Access Codes

Administer Communication Manager Features Access Codes for Meet-me Conference.

Step	Description
1.	From the Avaya Communication Manager SAT screen, issue the command "change system
	parameters features". Administer the "Announcement Access Code" to record the vector
	announcements for Meet-me Conference.
	change feature-access-codes Page 1 of 9
	FEATURE ACCESS CODE (FAC)
	Abbreviated Dialing List1 Access Code:
	Abbreviated Dialing List2 Access Code:
	Abbreviated Dialing List3 Access Code:
	Abbreviated Dial - Prgm Group List Access Code:
	Announcement Access Code: 142
	Answer Back Access Code:
	Auto Alternate Routing (AAR) Access Code: 8
	Auto Route Selection (ARS) - Access Code 1: 9 Access Code 2:
	Automatic Callback Activation: Deactivation:
	Call Forwarding Activation Busy/DA: All: 145 Deactivation: 146
	Call Park Access Code:
	Call Pickup Access Code:
	CAS Remote Hold/Answer Hold-Unhold Access Code:
	CDR Account Code Access Code:
	Change COR Access Code:
	Change Coverage Access Code:
	Contact Closure Open Code: Close Code:
	Contact Closure Pulse Code:

Step	Description
2.	Go to Page 2 and administer the "Meet-me Conference Access Code Change" for Meet-me
	Conference hosts to change the Meet-me Conference access code.
	change feature-access-codes Page 2 of 9
	FEATURE ACCESS CODE (FAC)
	Data Origination Access Code:
	Data Privacy Access Code:
	Directed Call Pickup Access Code:
	Emergency Access to Attendant Access Code: Access Code 2:
	Enhanced EC500 Activation: 130 Deactivation: 131
	Extended Call Fwd Activate Busy D/A All: Deactivation:
	Extended Group Call Pickup Access Code:
	Facility Test Calls Access Code:
	Flash Access Code:
	Group Control Restrict Activation: Deactivation:
	Hunt Group Busy Activation: Deactivation:
	ISDN Access Code:
	Last Number Dialed Access Code:
	Leave Word Calling Message Retrieval Lock:
	Leave Word Calling Message Retrieval Unlock:
	Leave Word Calling Send A Message: Leave Word Calling Cancel A Message:
	Malicious Call Trace Activation: Deactivation:
	Meet-me Conference Access Code Change: 144
	Meet-me conterence Access code change: 144

3.3. Meet-me Conference Configuration

The following configuration shows how to administer the internal Meet-me Conference VDNs on Avaya Communication Manager. Meet-me conference VDN extensions 8140-8150 (vectors 10-20) were configured to verify these Applications Notes.

Descr	ipuoli									
Admi	nister the	Meet-me Co	onfer	ence	e announcements. The foll	owing a	nnoun	cem	nent	ts ne
	nfigured.					U				
	inguieu.									
•	Walcor	neMMC ext	oncic	n 20	001 – Welcome to <person< td=""><td>n'a Nam</td><td>o⊳ M</td><td>aat</td><td>ma</td><td></td></person<>	n'a Nam	o⊳ M	aat	ma	
•		,				i s_ivali		leel-	·IIIC	;
 Conference. Please enter your access code. WelcomeMMC2, extension 2002 – The access code entered is not valid. Please en 										
٠		,		ion 2	2002 - The access code en	tered is	not va	alid.	Ple	ease
	the acc	ess code agai	n.							
•	MMCI	nvalidCode, e	exten	sior	n 2003 – This access code	is invali	d. Plea	ase	con	ntact
					o make sure you have the					
	access		umu	.01 1	to make sure you have the	concert	erepii	one	1101	moor
			, .	. ,	2004 X	11 · 1	ı •			
•		0			2004 – Your conference ca		•	-	0	
-	ММСТ	FirstParty ext	ensid	on 2	005 – You are the first par	ty to joi	n the o	conf	fere	ence.
•	IVIIVICI	instraity, ext	UIIDIQ							
•		•			-	is filled				Plea
•	MMCF	Full, extension	n 200)6 –	The Meet-me Conference		to caj			Plea
•	MMCF	Full, extension	n 200)6 –	-		to caj			Plea
•	MMCF	Full, extension	n 200)6 –	The Meet-me Conference		to caj			Plea
•	MMCF contact	Full, extension the conferen	n 200 .ce ca)6 – all co	The Meet-me Conference oordinator for assistance.	Goodbye	to caj e.	paci	ty.	
• All ar	MMCF contact	Full, extension the conferent ments in Avay	n 200 ce ca va Co)6 – all co omm	The Meet-me Conference oordinator for assistance.	Goodbye minister	to caj e. ed by	paci typi	ity.	the
• All ar " char	MMCF contact	Full, extension the conferent nents in Avay uncements "	n 200 ce ca va Co comi)6 – all co omm	The Meet-me Conference oordinator for assistance.	Goodbye minister	to caj e. ed by	paci typi	ity.	the
• All ar " char	MMCF contact	Full, extension the conferent ments in Avay	n 200 ce ca va Co comi)6 – all co omm	The Meet-me Conference oordinator for assistance.	Goodbye minister	to caj e. ed by	paci typi	ity.	the
• " char Confe	MMCF contact mouncen ge anno erence an	Full, extension the conferent nents in Avay uncements " nouncements	n 200 ce ca va Co comi)6 – all co omm	The Meet-me Conference oordinator for assistance.	Goodbye minister	to caj e. ed by admi	paci typi nist	ing ereo	the d Me
• " char Confe	MMCF contact mouncen ge anno erence an	Full, extension the conferent nents in Avay uncements "	n 200 ce ca va Co comi)6 – all co omm man	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh	Goodbye minister	to caj e. ed by	paci typi nist	ing ereo	the
• " char Confe	MMCF contact mouncen ge anno erence an	Full, extension the conferent nents in Avay uncements " nouncements	n 200 ce ca va Co comi)6 – all co omm man	The Meet-me Conference oordinator for assistance.	Goodbye minister	to caj e. ed by admi	paci typi nist	ing ereo	the d Me
• " char Confe	MMCF contact mouncem ge anno erence an	Full, extension the conferent nents in Avay uncements " nouncements	n 200 ce ca va Co comi)6 – all co omm man	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh	Goodbye minister	to caj e. ed by admi	paci typi nist	ing ereo	the d Mo
• All ar " char Confe	MMCF contact mouncem ge anno erence an	Full, extension the conferent nents in Avay uncements " nouncements	n 200 ce ca va Co comi)6 – all co omm man	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh	Goodbye ministere nows the	to caj e. ed by admi	paci typi nist	ing ereo	the d Mo
• All ar "char Confe Char Ann . No .	MMCF contact mouncem ge anno erence an	Full, extension the conferent nents in Avay uncements nouncements uncements	n 200 ce ca va Co comi · ·)6 – all co omm man NNOU	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh INCEMENTS/AUDIO SOURCES	Goodbye ministere nows the	to caj e. ed by admi Pag QLen	paci typi nist	ty. ing erec 1 Rt	the d Me
 All ar "char Confe Char Ann. No. 1 	MMCF contact mouncem ge anno erence an nge annou Ext. 2001	Full, extension the conferent nents in Avay uncements nouncements ncements Type integrate	n 200 ce ca ca Co comi ·)6 – all co omm man NNOU TN	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh INCEMENTS/AUDIO SOURCES Name WelcomeMMC	Goodbye ministere nows the Q	to caj e. ed by admi Pag QLen NA	paci typi nist ^{gge} Pr n	ty. ing erec 1 Rt 64	the d Me
 All ar "char Confe Char Ann. No. 1 2 	MMCF contact mouncem ge anno erence an age annou Ext. 2001 2002	Full, extension the conferent nents in Avay uncements nouncements Incements Type integrate integrate	n 200 ce ca ca Co comi 	D6 – All co omm man NNOU TN	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh UNCEMENTS/AUDIO SOURCES Name WelcomeMMC WelcomeMMC2	Goodbye ministere nows the Q n	to caj e. ed by admi Pag QLen NA NA	paci typi nist ^{ge} Pr	ty. ing erec 1 Rt 64 64	the d Me of Por 01A
 All ar "char Confe Char Ann. No. 1 	MMCF contact mouncem ge anno erence an nge annou Ext. 2001	Full, extension the conferent nents in Avay uncements nouncements mcements Type integrate integrate	n 200 ce ca ca Co comi	D6 – hll co pmm man NNOU TN	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh INCEMENTS/AUDIO SOURCES Name WelcomeMMC WelcomeMMC2 MMCInvalidCode	Goodbye ministere nows the Q n n n	to caj e. ed by admi Pag QLen NA	paci typi nist ^{ge} Pr n n	ty. ing erec 1 Rt 64 64 64	the d Me of Por 01A 01A
 All ar "char Confe Char Ann. No. 1 2 3 	MMCF contact mouncem ge anno erence an nge annou Ext. 2001 2002 2003	Full, extension the conferent nents in Avay uncements nouncements Incements Type integrate integrate	n 200 ce ca ca Co comi	D6 – hll co pmm man NNOU TN	The Meet-me Conference oordinator for assistance. (nunication Manager are add d. The following screen sh INCEMENTS/AUDIO SOURCES Name WelcomeMMC WelcomeMMC2 MMCInvalidCode MMCInProgress	Goodbye ministere nows the Q n n n n	to caj e. ed by admi Pag QLen NA NA NA	paci typi nist ^{ge} Pr n n	ty. ing erec 1 Rt 64 64 64 64	the d Me

Step	Description				
2.	Record the Meet-me Conference announcements. To do this, use the following procedure:				
	Note: The phone used to record the announcements must have Console Permissions enabled in the COS (Class of Service) of the station record. If it is not, "Intercept Tone" will be received when attempting to dial the FAC for announcement recording.				
	 Dial the FAC for announcement recording. Dial tone will be received. Dial the extension of an announcement previously defined. If the extension was successfully defined, dial tone will be received. There are three options when working with an announcement: Press 1 to record the announcement and # to terminate the recording. Press 2 to playback the announcement. Press 3 to erase the announcement. Once satisfied with the recording, simply hang up. 				
3.	Repeat this procedure for all announcements. Create a Meet-me Conference vector.				
	From the Avaya Communication Manager SAT screen, issue the command " change vector x ", where " x " is the number of the vector to create or change. In the " Meet-me Conf " field, type " y " to designate the vectors as a Meet-me Conference vector. Use the numbered fields to create the Meet-me Conference vector as shown below.				
	change vector 10 Page 1 of 3				
	CALL VECTOR				
	Number: 10Name: MeetMe ConfBackground BSR Poll? nMultimedia? nAttendant Vectoring? nMeet-me Conf? yLock? yBasic? yEAS? yG3V4 Enhanced? yANI/II-Digits? yASAI Routing? yPrompting? yLAI? yG3V4 Adv Route? yCINFO? yBSR? yHolidays? yVariables? y				
	01 collect 6 digits after announcement 2001				
	02 gotostep 6 if digits= meet-me-access03 collect6 digits after announcement 2002				
	04 goto step 6 if digits = meet-me-access				
	05 disconnect after announcement 2003 06 goto step 11 if meet-me-idle				
	07 goto step 14 if meet-me-full				
	08 announcement 2004 09 route-to meetme				
	10 stop				
	11 announcement 2005				
	Press 'Esc f 6' for Vector Editing				

Step	Description
4.	Go to Page 2 and to finish the Meet-me conference vector configuration.
	change vector 10 Page 2 of 3 CALL VECTOR 12 route-to meetme
	13 stop 14 disconnect after announcement 2006 15 stop 16
5.	Create a Meet-me Conference VDN. From the Avaya Communication Manager SAT screen, issue the command " add vdn x ", where " x " is the VDN extension. In the " Name " field, type a name to identify the VDN. In the " Vector Number " field, type the Meet-me Conference vector configured in Step 2. Set the " Meet-me Conferencing " field to " y ".
	add vdn 8140 Page 1 of 2 VECTOR DIRECTORY NUMBER Extension: 8140 Name: MeetMe Conference
	Vector Number: 10
	Meet-me Conferencing? y COR: 1 TN: 1
6.	Go to Page 2 and set the Meet-me Conference VDN parameters. In the " Conference Access Code " field, assign a six digit access code for the Meet-me Conference. In the " Conference Controller " field, type the extension of the conference host responsible for controlling the Meet-me Conference access code. The host can use the Feature Access Code (FAC) assigned in Section 3.2, Step 2 to change the Meet-me Conference access code.
	add vdn 8140 Page 2 of 2 VECTOR DIRECTORY NUMBER
	MEET-ME CONFERENCE PARAMETERS: Conference Access Code: 123456 Conference Controller: 8100
7.	Repeat Steps 3-6 to create the rest of the meet-me conferences VDNs (8141-8150) and vectors (11-20).

3.4. Meet-me Conference Vector Routing Table Configuration

The following configuration shows how to create a Meet-me conference Vector Routing Table (VRT) for a company's Meet-me conference VDNs. Avaya Communication Manager supports up to 100 VRTs with 100 entries each. Vector Routing Table 1 with VDN extensions 8140-8150 were used in these Application Notes.

om Avaya Com " is the vector r e the numbered add vrt 1 Number: 1	nmunication M couting table n fields to enter	e Vector Routing Ta Ianager SAT screen umber. In the " Nan r the Meet-me confe vector routing : Meet-me VDNs	a, issue the comma ne" field, enter the erence VDNs.			
" is the vector r e the numbered add vrt 1 Number: 1 1: 1	outing table n fields to enter	umber. In the "Nan r the Meet-me confe vector routing	ne" field, enter the erence VDNs.	e routing ta	ble nam	e an
" is the vector r e the numbered add vrt 1 Number: 1 1: 1	outing table n fields to enter	umber. In the "Nan r the Meet-me confe vector routing	ne" field, enter the erence VDNs.	e routing ta	ble nam	e an
e the numbered add vrt 1 Number: 1	fields to enter	vector routing	TABLE			
add vrt 1 Number: 1 1: 1		VECTOR ROUTING	G TABLE	Page	1 of	3
Number: 1	1 Name:			Page	1 of	3
Number: 1	1 Name:			Page	1 of	3
1: :	1 Name:					
1: :	1 Name:	Meet-me VDNs	Sort? n			
			Bort: II			
	8140		17:			
2:	8141		18:			
3:	8142		19:			
			20:			
	0100					
13:			29:			
14:			30:			
15:			31:			
16:			32:			
	5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15:	13: 14: 15:	5: 8144 6: 8145 7: 8146 8: 8147 9: 8148 10: 8149 11: 8150 12: 13: 14: 15:	5: 8144 21: 6: 8145 22: 7: 8146 23: 8: 8147 24: 9: 8148 25: 10: 8149 26: 11: 8150 27: 12: 28: 13: 29: 14: 30: 15: 31:	5: 8144 21: 6: 8145 22: 7: 8146 23: 8: 8147 24: 9: 8148 25: 10: 8149 26: 11: 8150 27: 12: 28: 13: 29: 14: 30: 15: 31:	5: 8144 21: 6: 8145 22: 7: 8146 23: 8: 8147 24: 9: 8148 25: 10: 8149 26: 11: 8150 27: 12: 28: 13: 29: 14: 30: 15: 31:

3.5. Global DID VDN Configuration

The following steps show how to configure the global DID VDN extension and vector that collects and validates the Meet-me conference extension (NON-DID-VDN) entered by a user. In these Application Notes, global DID number (732) 852-8200 was mapped to VDN extension 8200.

Description						
Administer t configured.	he global DID vector ar	nouncements. The follow	ing announcements need to be			
ServiMM0	 MMCext, extension 2007 – Welcome to <companyname> Meet-Me-Conference Service. Please enter the conference extension.</companyname> MMCInvEntry, extension 2008 – The Number that you entered is invalid. Please try 					
• MM0	 again. MMCInvEntryBye, extension 2009 – You have made an Invalid entry. Please contact your conference coordinator for the correct conference extension and access code. 					
"change and	All announcements in Avaya Communication Manager are administered by typing the " change announcements " command. The following screen shows the administered announcements.					
change ann		INCEMENTS/AUDIO SOURCES	Page 1 of 16			
Ann. No. Ext. 1 2007	Type COR TN integrated 1 1					
	Administer ti configured. MMC Servi MMC again MMC your All announce "change ann announceme	 Administer the global DID vector ar configured. MMCext, extension 2007 – V Service. Please enter the con MMCInvEntry, extension 20 again. MMCInvEntryBye, extensio your conference coordinator All announcements in Avaya Comm "change announcements. 	 Administer the global DID vector announcements. The follow configured. MMCext, extension 2007 – Welcome to <companyna conference="" enter="" extension.<="" li="" please="" service.="" the=""> MMCInvEntry, extension 2008 – The Number that yo again. MMCInvEntryBye, extension 2009 – You have made your conference coordinator for the correct conference All announcements in Avaya Communication Manager are ad "change announcements" command. The following screen stannouncements. </companyna>			

Step	Description
2.	Record the vector announcements. To do this, use the following procedure:
	Note: The phone used to record the announcements must have Console Permissions enabled in the COS (Class of Service) of the station record. If it is not, "Intercept Tone" will be received when attempting to dial the FAC for announcement recording.
	 Dial the FAC for announcement recording. Dial tone will be received. Dial the extension of an announcement previously defined. If the extension was successfully defined, dial tone will be received. There are three options when working with an announcement: Press 1 to record the announcement and # to terminate the recording. Press 2 to playback the announcement. Press 3 to erase the announcement. Once satisfied with the recording, simply hang up.
	Repeat this procedure for all announcements.
3.	Create the vector for the global DID VDN. From Avaya Communication Manager SAT screen, issue the command " change vector x ", where " x " is the number of the vector to create or change. In the " Meet-me Conf " field, type " n ". Use the numbered fields to create the vector as shown below.
	change vector 1 Page 1 of 3 CALL VECTOR Number: 1 Name: MeetMeExt Background BSR Poll? n Multimedia? n Attendant Vectoring? n Meet-me Conf? n Lock? y Basic? y EAS? y G3V4 Enhanced? y ANT/II-Digits? y ASAI Routing? y Prompting? y LAI? y G3V4 Adv Route? y CINFO? y BSR? y Holidays? y Variables? y 01 wait-time 2 secs hearing silence 02 collect 4 digits after announcement 2007 for none 03 goto step 9 if digits in table 1 04 announcement 2008 05 collect 4 digits after announcement 2007 for none 06 goto step 9 if digits in table 1 07 disconnect after announcement 2009 08 stop 09 route-to digits with coverage n 10 10 stop 11 Press 'Esc f 6' for Vector Editing
	vector above can be modified to look in those tables by adding additional verification steps after steps 3 and 6. The steps would look like steps 3 and 6, but with a different VRT numbers.

Step	Description
4.	Create the global DID VDN.
	From Avaya Communication Manager SAT screen, issue the command "add vdn x", where
	"x" is the VDN extension. In the "Name" field, type a name to identify the VDN. In the
	"Vector Number" field, type the vector configured in Step 3. Set the "Meet-me
	Conferencing " field to " n ".
	add vdn 8200 Page 1 of 2
	VECTOR DIRECTORY NUMBER
	Extension: 8200
	Name: MeetMe Conference
	Vector Number: 1
	Meet-me Conferencing? n
	COR: 1
	TN: 1

4. Verification Steps

The following tests can be performed in the field to verify the Avaya Communication Manager Meet-me Conference configuration shown in these Application Notes.

Step	Description
<u> </u>	
1.	Dial the global DID number and enter a valid Meet-me Conference extension when prompted
	by the recorded announcement. Verify Avaya Communication Manager checks the collected
	digits against the vector routing table and routes the caller to the appropriate Meet-me
	conference.
2.	Enter the Meet-me conference access code when prompted by the recorded announcement.
	Verify Avaya Communication Manager validates the access code and connects the caller to
	the appropriate Meet-me conference. An entry tone lets the caller know that he joined the
	conference.
3.	Repeat Steps 1-2 to add a second user to the Meet-me conference.
4.	Use the " status meet-me vdn " command to verify the status of the Meet-me conference.
	There should be two active users in the conference as shown below.
	status meet-me-vdn 38140
	GENERAL STATUS
	Service State: active
	Extension: 38140
	Connected Ports: 01A0501 01A0502
5.	Hang-up all conference parties.
6.	Dial the global DID extension again and enter an extension not defined in the vector routing
	table. Verify the caller is disconnected and the disconnect announcement is played upon
	entering the wrong extension twice.

5. Conclusion

These Application Notes provide administrators with the basic steps necessary to configure a sample Avaya Communication Manager Meet-me Conference with a global DID extension for external network user access. The steps provided should be helpful for implementing most deployments, but they do not address all possible configuration scenarios.

6. Additional References

[1] "Administration for Network Connectivity for Avaya Communication Manager", Document ID: 555-233-504.

[2] "*Feature Description and Implementation for Avaya Communication Manager*", Document ID: 555-245-205, June 2004.

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