

Automating Business and Operational Functions Between Ecosystem Partners with LSO APIs, Blockchain & Smart Contracts



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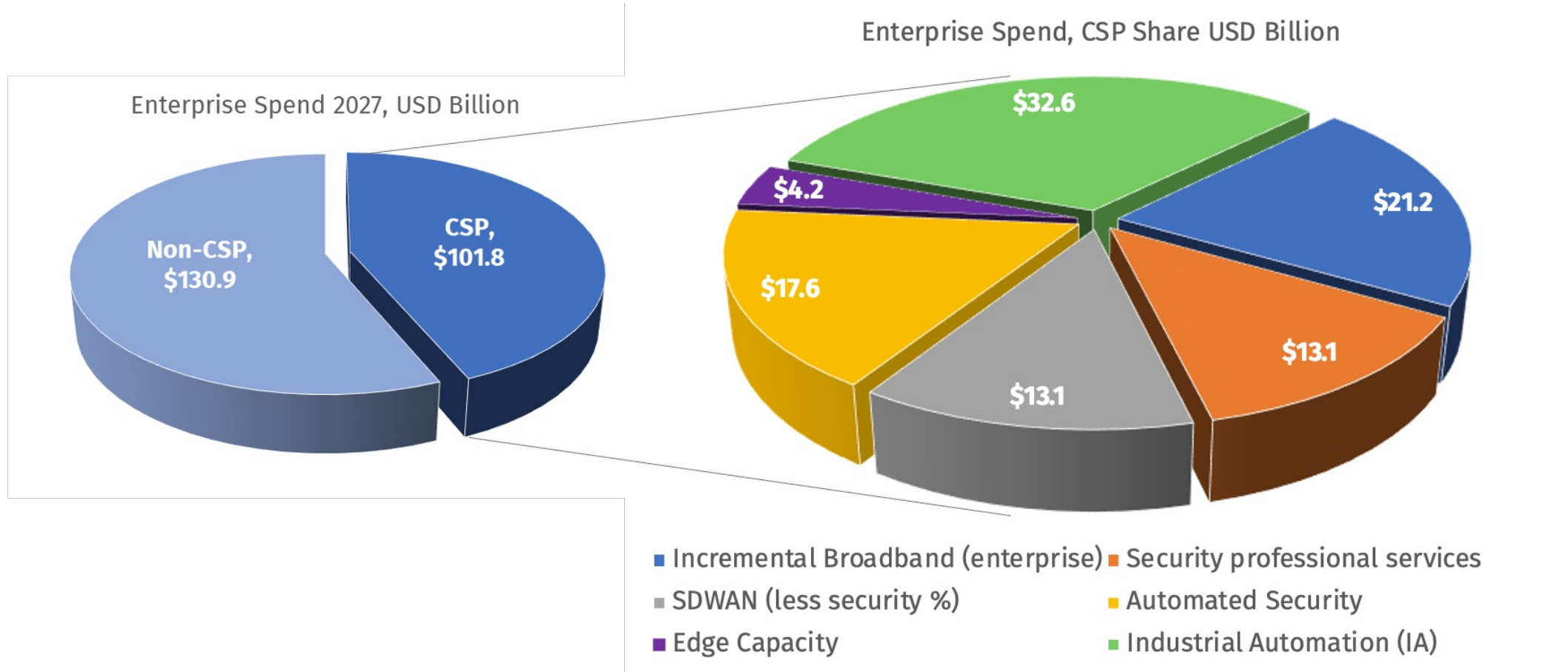


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Appledore Forecast: Incremental Enterprise Revenue



Intent (Declarative) vs. Traditional ASR (Imperative)



Menu
AWS re:Invent Products

Getting Started with AWS Direct Connect

To use AWS Direct Connect, you simply:

- Decide on an AWS Direct Connect location, how many connections you would like to use, and the port size. Multiple ports can be used simultaneously for increased bandwidth or redundancy.
- Use the [AWS Management Console](#) to create your connection request(s).
- If you are connecting from a remote location, you can work with an [APN Partner supporting Direct Connect](#) or a network carrier of your choice.
- Once your request is confirmed, you will be able to download your [Letter of Authorization – Connecting Facility Assignment \(LOA-CFA\)](#) from the AWS Management Console.
- Provide the LOA-CFA to an APN Partner or your service provider who will establish the connection on your behalf.
- Once the connection is up, use the [AWS Management Console](#) to configure one or more virtual interfaces to establish network connectivity.

Form	Practice	Section	ASR Field Name	ASR_OBJECT Field Name	Business RuleID	ACT	REQTYF	Region	RuleNumber	ASR Issue #	Run Type ASR VERSION	Message Code	Error Message Text	Applies to Regional USR, NDR, AD	Date Implemented	Date Last Updated
ACT	907	Circuit Detail	ASD	ASD	ASD field value must be 1st character in 'N' or 'S' and 2nd-8th character is '00'	C.N.M.T.R.D	S.E.V.X.M.L.A.W	All	AD_ASD_F_01		VERNON	VFLO0001	ASD field value must be 1st character in 'N' or 'S' and 2nd-8th character is '00'	Yes	10/10/05	6/20/15
ACT	907	Circuit Detail	ASD	ASD	If 1st character of ASD field is 'N' then characters 2-8 must not be populated when the REQTYF is 'S', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and the ACT is 'C', 'N', 'M', 'T', 'R', 'W', & 'D'.	C.N.M.T.R.D	S.E.V.X.M.L.A.W	All	AD_ASD_F_02		VERNON	VFLO0002	If 1st character of ASD field is 'N' then characters 2-8 must not be populated.	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	BI	BI	BI value is 'A' or 'N'	N.C.M.T.R	S.E	All	AD_BI_F_01	3433	ASOS	ATFD0004	BI value must be A or N	Yes	9/15/02	12/16/04
AD	907	Circuit Detail	BI	BI	BI is prohibited when REQTYF 1st pos on the ASR Form is 'M', 'L', 'X', or 'P'	N.C.M.T.R	M.L.W.A	All	AD_BI_U_01	3433	ASOS	ATFD0003	BI is prohibited when REQTYF on the ASR Form is M, L, X, or P	Yes	9/15/02	1/16/04
AD	907	Circuit Detail	BI	BI	BI value 'N' is prohibited when ASR-EC is blank or ASR-EC is a blank ASR	N.C.M.T.R	S.E	All	AD_BI_U_02	3433	VERNON	VFLO0001	BI value of 'N' is not supported.	Yes	9/15/02	12/16/04
AD	907	Circuit Detail	BI	BI	BI is prohibited when either the SEI field on the ASR Form is populated and the ACT field on the ASR Form is 'M', 'L', 'X', or 'P' or the SEI field on the ASR Form is not populated.	N.C.M.T.R	S.E	All	AD_BI_U_03	3433/3462	ASOS	ATFD0002	BI is prohibited when the ACT field is M or L or the SEI field is blank.	Yes	9/15/02	12/16/04
AD	907	Circuit Detail	BI	BI	BI is not valid if the SEI field is populated, the NONDISCONNECTED combination is on the ASR Product Type table for PRODUCT TLN and either EMISERE or table is 'S' or 'U' (M, N, or S), otherwise prohibited.	N.C	S.E	All	AD_BI_U_04	3612	VERNON	VFLO0003	BI is prohibited for the Switched Ethernet service requested.	Yes	3/1/05	12/16/04
AD	907	Circuit Detail	BUM	BUM	BUM value must be 'N' or 'S'	N.C.M.T.R	S.E	All	AD_BUM_F_01	3430	ASOS	ATFD0008	BUM value must be N or S	Yes	9/15/02	6/20/12
AD	907	Circuit Detail	BUM	BUM	BUM is prohibited when REQTYF 1st pos on the ASR Form is 'M', 'L', 'X', or 'P'	N.C.M.T.R	M.L.W.A	All	AD_BUM_U_01	3430	ASOS	ATFD0007	BUM is prohibited when REQTYF on the ASR Form is M, L, X, or P	Yes	9/15/02	6/20/12
AD	907	Circuit Detail	BUM	BUM	BUM is not a supported field.	N.C.M.T.R	S.E	All	AD_BUM_U_02	3430	VERNON	VFLO0002	BUM is not a supported field.	Yes	9/15/02	6/20/12
AD	907	Circuit Detail	BUM	BUM	BUM is prohibited when the SEI field on the ASR Form is populated, except for 'N'.	N.C.M.T.R	S.E	All	AD_BUM_U_03	3430/3462	ASOS	ATFD0002	BUM is prohibited when the SEI field is blank.	Yes	9/15/02	6/11/04
AD	907	Circuit Detail	COEA	COEA	COEA field is required when the CFA field is not populated, the 1st position of REQTYF field is 'S', the ACT field is 'N', 'M', 'C', or 'T', the ACTL_FACTL_COEA_IND is 'C' and the SEI field on the ASR Form is not populated.	C.M.N.T	S	West	AD_COEA_COEA_U_01		VERNON	VFLO0001	COEA is required if CFA is blank and ACTL is not populated.	Yes	4/10/06	6/11/04
AD	907	Circuit Detail	COEA	COEA	COEA field is required when the 1st position of REQTYF is 'M', the ACT field is 'N', the NCI field is populated, the CFA field is not populated, the ACTL_FACTL_COEA_IND is 'C', and the ACTL_FACTL_COEA_IND is 'C'.	N	M	West	AD_COEA_COEA_U_02		VERNON	VFLO0663	COEA field is required when the NCI field is populated, the CFA field is not populated and the ACTL_FACTL_COEA_IND is 'C'.	Yes	4/10/06	6/20/15
AD	907	Circuit Detail	COEA	COEA	COEA valid entry 1-60 alphanumeric characters when the REQTYF is 'M', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and the ACT is 'C'	C.N.M.T.R.D	S.E.V.X.M.L.A.W	All	AD_COEA_F_01		ASOS	ATFD0003	COEA valid entry 1-60 alphanumeric characters when the REQTYF is 'M', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and the ACT is 'C'	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	COEA	COEA	COEA field is required when 'N' on the EUSA or Transport Form. COEA is populated and COEA 2nd component FACTYPE is not either 'TRD', 'SODM', 'S' or 'T' on the 1st position 'CO'	C.M.N.T	S.E	North, South	AD_COEA_F_02		VERNON	VFLO0001	COEA FACTYPE must be TRD, SODM, or T on the 1st position CO for DB1	Yes	9/15/02	6/20/14
AD	907	Circuit Detail	COEA	COEA	COEA field is required when 'N' on the EUSA or Transport Form. COEA is populated and COEA 2nd component FACTYPE is not either 'TRD', 'SODM', 'S' or 'T' on the 1st position 'CO'	C.M.N.T	S.E	North, South	AD_COEA_F_03		VERNON	VFLO0001	COEA FACTYPE must be TRD, SODM, or T on the 1st position CO for DB2	Yes	9/15/02	6/20/14
AD	907	Circuit Detail	COEA	COEA	COEA field is required when 'N' on the EUSA or Transport Form. COEA is populated and COEA 2nd component FACTYPE is not either 'TRD', 'SODM', 'S' or 'T' on the 1st position 'CO'	C.M.N.T	S.E	North, South	AD_COEA_F_04		VERNON	VFLO0002	COEA FACTYPE must be TRD, SODM, or T on the 1st position CO for DB3	Yes	9/15/02	6/20/14
AD	907	Circuit Detail	COEA	COEA	COEA required if COEA on 'Trunking or Transport form is populated.	C.M.N.T	S.E.M	All	AD_COEA_U_01		VERNON	VFLO0004	COEA required if COEA on 'Trunking or Transport form is populated and the ACT field is 'N', 'M', 'C', or 'T'.	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	COEA	COEA	COEA prohibited if CFA is populated, 1st position of the REQTYF is 'M', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and CFA is not 'N'	C.N.M.T.R.D	S.E	West	AD_COEA_U_02		VERNON	VFLO0005	COEA prohibited if CFA is populated, 1st position of the REQTYF is 'M', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and CFA is not 'N'	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	COEA	COEA	COEA prohibited if CFA is populated.	C.N.M.T.R.D	S.E.V.X.M.L.A.W	North, South	AD_COEA_U_03		VERNON	VFLO0006	COEA prohibited if CFA is populated.	Yes	10/10/05	1/16/04
AD	907	Circuit Detail	COEA	COEA	COEA required if CFA is not populated, the DPEAN field on the ASR Form is not populated, the ACTL contains '11' therefore and is contained based on GABS (except for the SEI field on the ASR Form is not populated).	C.M.N.T	S	North, South	AD_COEA_U_04		VERNON	VFLO0008	COEA is required if CFA and DPEAN are blank and ACTL is populated.	Yes	10/10/05	6/20/14
AD	907	Circuit Detail	CFA	CFA	CFA must contain 4 spaces.	C.N.M.T.R.D	S.E.V.X.M.L.A.W	All	AD_CFA_F_01		ASOS	ATFD0008	CFA field not in proper format	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	CFA	CFA	CFA entry must be 24-28 alphanumeric characters and special characters of '-', '.', or space.	C.N.M.T.R.D	S.E.V.X.M.L.A.W	All	AD_CFA_F_02		ASOS	ATFD0003	CFA entry must be 24-28 alphanumeric characters and special characters of '-', '.', or space	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	CFA	CFA	CFA required if CFA field on the FGA, Trunking, Transport, WATS or EUSA form is not populated.	C.N.M.T.R.D	S.E.V.X.M.L.A.W	All	AD_CFA_U_01		ASOS	ATFD0010	CFA required if CFA field on the FGA, Trunking, Transport, WATS or EUSA form is not populated.	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	CFA	CFA	COEA form is populated.	C.N.M.T.R	S.E.V.X.M.L.A.W	All	AD_CFA_U_02		VERNON	VFLO0011	CFA prohibited if CFA field on the FGA, Trunking, Transport, WATS or EUSA form is not populated.	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	CFA	CFA	CFA prohibited if the ACT field is 'M', 'L', 'X', or 'P' and the COEA field is populated.	C.M.N.T	S.E.V.X.M.L.A.W	North, South	AD_CFA_U_03		VERNON	VFLO0012	CFA prohibited if the ACT field is 'M', 'L', 'X', or 'P' and the COEA field is populated.	Yes	10/10/05	1/16/04
AD	907	Circuit Detail	CFA	CFA	CFA field is required when the COEA field is not populated, the 1st position of the NCI field is 'N', the NCI field is 'NDRB37', the 1st position of the REQTYF is 'M', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and the ACT field is 'N', 'M', 'C', or 'T'.	N.M.T	S	North, South	AD_CFA_U_04		VERNON	VFLO0261	CFA is required because of entries in the NCI, NCI, REQTYF, and ACT fields when the COEA field is not populated.	Yes	10/10/05	6/20/15
AD	907	Circuit Detail	CFA	CFA	CFA field is required when the COEA field is not populated, the 1st position of the NCI field is 'N', the NCI field is 'NDRB37', the 1st position of the REQTYF is 'M', 'C', 'V', 'W', 'M', 'L', 'X', & 'P' and the ACT field is 'N', 'M', 'C', or 'T'.	N.M.T	S	North, South	AD_CFA_U_05		VERNON	VFLO0262	CFA is required because of entries in the NCI, NCI, REQTYF, and ACT fields when the COEA field is not populated.	Yes	10/10/05	6/20/15

Note that Cloud, SDN and Automation demand the Amazon approach.



Thank You



Global NaaS Event
By MEF