Name	Description	Employee Y/N	Mand / Opt	Sngl/ Mult	Business Partner Y/N	Mand / Opt	Sngl/ Mult	Subscriber Y/N	Mand / Opt	Sngl/ Mult	Syntax	Primary ObjectClass
GUID	CoPED GUID	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	String	[custom]
LogonID	User's Logon ID	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	String	inetOrgPerson
Password	Password	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	*	person
First	Full name - First	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	inetOrgPerson
Middle	Full name - Middle	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	inetOrgPerson
Last	Full name - Last	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	String	inetOrgPerson
Prefix	Full name - Prefix	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
Suffix	Full name - Suffix	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
Birthdate	The person's date of birth	No	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Date string	[custom]
CitizenID	The person's driver's license or ID card number	No	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
CitizenIDissuingState	US state or territory that issued CitizenID	No	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
CitizenIDexpireDate	Date CitizenID expires	No	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Date string	[custom]
EmployeeID	Employee ID	Yes	Mand	Single	No	Opt	Single	No	Opt	Single	String	inetOrgPerson
Photograph	A digital photograph of the person	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Binary	inetOrgPerson
BusinessAddress1	The person's business address -- First line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	organizational Person
BusinessAddress2	The person's business address -- Second line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
BusinessAddress3	The person's business address -- Third line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
BusinessCity	Business City	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	organizational Person
BusinessState	Business State	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	organizational Person
BusinessZip	Business Zip (5 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	organizational Person
BusinessZipExtension	Business 4-digit zip extension	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
BusinessTelephone	Business Telephone number (7 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	*	person
BusinessAreaCode	Business area code	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Numeric	[custom]
BusinessEmail	Business Email address	Yes	Mand	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
HomeAddress1	The person's home address -- First line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeAddress2	The person's home address -- Second line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeAddress3	The person's home address -- Third line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeCity	Home City	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeState	Home State	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeZip	Home Zip (5 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeZipExtension	Home 4-digit zip extension	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
HomeTelephone	Home Telephone number (7 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	*	[custom]
HomeAreaCode	Home area code	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Numeric	[custom]
HomeEmail	Home Email address	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
MailingAddress1	The person's mailing address -- First line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
MailingAddress2	The person's mailing address -- Second line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
MailingAddress3	The person's mailing address -- Third line	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]

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Name	Description	Employee			Business Partner			Subscriber			Syntax	Primary ObjectClass
		Y/N	Mand / Opt	Sngl/ Mult	Y/N	Mand / Opt	Sngl/ Mult	Y/N	Mand / Opt	Sngl/ Mult		
MailingCity	Mailing City	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
MailingState	Mailing State	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
MailingZip	Mailing Zip (5 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
MailingZipExtension	Mailing 4-digit zip extension	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
MobileTelephone	Mobile Telephone number (7 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	*	[custom]
MobileAreaCode	Mobile area code	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Numeric	[custom]
FaxTelephone	Fax Telephone number (7 digits)	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	*	organizationalPerson
FaxAreaCode	Fax area code	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Numeric	[custom]
PreferredMail	Preferred address for snail mail	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
PreferredPhone	Preferred telephone	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
PreferredEmail	Preferred address for email	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	String	[custom]
ProofingLevel	Current Proofing level for this account	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	Numeric	[custom]
ProofingAgency	Agency or CoP that vetted the user to ProofingLevel	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	String	[custom]
ProofingDate	Date user achieved ProofingLevel	Yes	Mand	Single	Yes	Mand	Single	Yes	Mand	Single	Date	[custom]
ProofingExpires	Date user's ProofingLevel will expire	Yes	Opt	Single	Yes	Opt	Single	Yes	Opt	Single	Date	[custom]
ProofedAgencies	Multi-valued attribute of all agencies/CoPs that have vetted the user	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
AgencyIDs	Agency local unique IDs (foreign keys for metadirectory service if needed)	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
Certificate	X.509 certificate	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	Binary	inetOrgPerson
AffiliatedAgency	Affiliated agency (or agencies or CoP or CoPs)	Yes	Mand	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
AffiliatedOrg	Affiliated organization(s)	No	Opt	Multi	Yes	Mand	Multi	No	Opt	Multi	String	[custom]
Roles	Enterprise-wide role(s), defining access rights to Commonwealth logical and physical systems	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
AssociatedID	Associated ID, such as for fraud or duplicates	No	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
DriverLicenseCheck	Was driver's license checked?	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
StateIDcheck	Was State-issued ID checked?	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]

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CoPED Core Identity Attributes

Name	Description	Employee			Business Partner			Subscriber			Syntax	Primary ObjectClass
		Y/N	Mand / Opt	Sngl/ Mult	Y/N	Mand / Opt	Sngl/ Mult	Y/N	Mand / Opt	Sngl/ Mult		
CreditCardCheck	Was the user's credit card information checked to validate the user's identity?	No	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
SSNcheck	Was the full SSN checked?	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]
NAC	Was the Federal NAC or equivalent achieved (note, NAC requires fingerprint check)?	Yes	Opt	Multi	Yes	Opt	Multi	No	Opt	Multi	String	[custom]
NACI	Was the Federal NACI (or equivalent; note, NACI requires fingerprint check) achieved?	Yes	Opt	Multi	Yes	Opt	Multi	No	Opt	Multi	String	[custom]
AddressVerified	Was the user's address verified?	Yes	Opt	Multi	Yes	Opt	Multi	Yes	Opt	Multi	String	[custom]

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CoPED Core Identity Attributes

Name	Sample	Notes	CoPED Name	ITP Reference
GUID	E0123456789E		copedGUID	SEC013B
LogonID		Employees - CWOPA logon ID, others chosen by user	uid	
Password		* - Binary or User Password type (depends on product)	userPassword	
First	John	Most agencies will require first names	givenName	
Middle	Q.		initials	
Last	Public		sn	
Prefix	Mr. Ms. Dr.	String with spaces	copedPrefix	
Suffix	Jr. Sr. II III IV	String with spaces	copedSuffix	
Birthdate			copedDOB	
CitizenID			copedCitizenID	
CitizenIDissuingState	PA		copedCitizenIDissuingState	
CitizenIDexpireDate			copedCitizenIDexpireDate	
EmployeeID			employeeNumber	
Photograph			jpegPhoto	
BusinessAddress1	123 Main St.	Required if BusinessAddress2 exists	street	
BusinessAddress2	Keystone Bldg.	Required if BusinessAddress3 exists	copedBusinessAddress2	
BusinessAddress3	Suite 201		copedBusinessAddress3	
BusinessCity	Anytown	Required if BusinessAddress1 exists	l	
BusinessState	PA	Required if BusinessAddress1 exists	st	
BusinessZip	17001	Required if BusinessAddress1 exists	postalCode	
BusinessZipExtension	1234		copedBusinessZipExtend	
BusinessTelephone	987-6543	* - String or Telephone Number (depends on product)	telephoneNumber	
BusinessAreaCode	717	Required if BusinessTelephone exists	copedBusinessAreaCode	
BusinessEmail			mail	
HomeAddress1	123 Main St.	Required if HomeAddress2 exists	copedHomeAddress1	
HomeAddress2	Keystone Bldg.	Required if HomeAddress3 exists	copedHomeAddress2	
HomeAddress3	Suite 201		copedHomeAddress3	
HomeCity	Anytown	Required if HomeAddress1 exists	copedHomeCity	
HomeState	PA	Required if HomeAddress1 exists	copedHomeState	
HomeZip	17001	Required if HomeAddress1 exists	copedHomeZip	
HomeZipExtension	1234		copedHomeZipExtend	
HomeTelephone	987-6543	* - String or Telephone Number (depends on product)	copedHomePhone	
HomeAreaCode	717	Required if HomeTelephone exists	copedHomeAreaCode	
HomeEmail			copedHomeMail	
MailingAddress1	123 Main St.	Required if MailingAddress2 exists	copedMailingAddress1	
MailingAddress2	Keystone Bldg.	Required if MailingAddress3 exists	copedMailingAddress2	
MailingAddress3	Suite 201		copedMailingAddress3	

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Name	Sample	Notes	CoPED Name	ITP Reference
MailingCity	Anytown	Required if MailingAddress1 exists	copedMailingCity	
MailingState	PA	Required if MailingAddress1 exists	copedMailingState	
MailingZip	17001	Required if MailingAddress1 exists	copedMailingZip	
MailingZipExtension	1234		copedMailingZipExtend	
MobileTelephone	987-6543	* - String or Telephone Number (depends on product)	copedMobilePhone	
MobileAreaCode	717	Required if MobileTelephone exists	copedMobileAreaCode	
FaxTelephone	987-6543	* - String or Telephone Number (depends on product)	facsimileTelephoneNumber	
FaxAreaCode	717	Required if FaxTelephone exists	copedFaxAreaCode	
PreferredMail	B	B=Business, H=Home, M=Mailing	copedPreferredMail	
PreferredPhone	B	B=Business, H=Home, M=Mailing	copedPreferredPhone	
PreferredEmail	B	B=Business, H=Home, M=Mailing	copedPreferredEmail	
ProofingLevel	200	100, 200, 300, or 400	copedProofLevel	SEC013D
ProofingAgency	007	Standard agency code	copedProofAgency	
ProofingDate			copedProofDate	
ProofingExpires		Null if no expiration	copedProofExpires	
ProofedAgencies	016|100|20101231|01	Each value is the standard agency code followed by | (the pipe character) followed by level followed by | followed by the expiration date (null if no expiration) followed by | followed by procedure code (optional; if none, no characters follow the pipe)	copedProofedAgencies	
AgencyIDs	008|12345678|; 007|ABC123|03	Each value is the standard agency code followed by | (the pipe character) followed by that agency's local unique ID followed by | followed by the agency's system code (optional; if none, no characters follow the pipe)	copedAgencyIDs	
Certificate			userCertificate	
AffiliatedAgency	007	Standard agency code	copedAffiliateAgencies	
AffiliatedOrg	Dauphin County	Should this have EIN?	copedAffiliateOrgs	
Roles	County	Need to be defined; should be a relatively small set; may want to include "None" as a role	copedRole	
AssociatedID		o If a user has been flagged for using fraudulent IDs and this CoPED GUID is one of those fraudulent IDs, the Associated ID value would be the user's actual CoPED GUID. o If a user somehow ended up with two accounts and this CoPED GUID is one of the duplicates, the Associated ID value would be the user's other CoPED GUID. o A tag will be included indicating the reason for the Associated ID.	copedAssociatedID	
DriverLicenseCheck	PASS|008|20070426	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the standard agency code that verified the user's driver license followed by | followed by the date performed	copedDLcheck	
StateIDcheck	FAIL|008|20070426	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the standard agency code that verified the user's State-issued ID (in place of driver license) followed by | followed by the date performed	copedStateIDcheck	

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CoPED Core Identity Attributes

Name	Sample	Notes	CoPED Name	ITP Reference
CreditCardCheck	PASS|008|20070426	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the standard agency code that verified the user's credit card information followed by | followed by the date performed	copedCreditCardCheck	
SSNcheck	FAIL|008|20070426	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the standard agency code that verified the user's full SSN followed by | followed by the date performed	copedSSNcheck	
NAC	PASS|020|20070315	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the agency performing NAC (code) followed by | followed by date performed	copedNac	
NACI	PASS|020|20070315|BF	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the agency performing NAC (code) followed by | followed by date performed followed by | followed by code(s) for investigation(s) performed	copedNaci	
AddressVerified	FAIL|008|20070426	Each value is "PASS" if the verification passed or "FAIL" if the verification was attempted and failed followed by | followed by the standard agency code that performed the address check followed by | followed by the date performed	copedAddressVerified	

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