

# Technical Information - Release Pack Campus.2020

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These cases are included in the Campus.2020 release pack.

Infinite Campus is moving to update all servers to ICAS (Infinite Campus Application Service) 2.0.6, which incorporates Tomcat 8.5.50 and Java 1.8.0\_232

Each ICAS release has a Campus version dependency and will require its own update before moving to a higher version of Infinite Campus. In order to update to Campus.2020, your production site must be on Campus.2016, which will include ICAS 2.0.6.

Cloud Choice and In-District hosted customers on Campus 2012.x or lower, you will not be able to submit an update request for Campus.2020, as it is hidden from the Version dropdown until Campus.2016 has been installed. There are code dependencies in each package that require them to be taken separately, so a district must first request an update to Campus.2016 before you can upgrade to Campus.2020. Your district will only see versions up to Campus.2016.x in the Update Request tool, and not other updates that may have been released, until Campus.2016 and the associated ICAS package have been taken.

Self-hosted customers will need to install the ICAS package before or after updating to Campus.2016.x. For more information on how to install the ICAS package, please see the instructions that have been posted to the Self-Hosted Customers forum.

## Data Definition Language Scripts (DDL)

This section lists data structures that were created, altered, or dropped, based on the vocabulary used to define data structures in SQL Server.

### New Tables

Case Number	Table	Description
SIS-136217	CrisisEvent	Identifies student involvement in a crisis event.
SIS-136217	CustomCrisisEvent	Crisis event district elements.
SIS-133230	SchoolCaasppMapping	This table serves as a mapping table of school CAASPP configurations that override district configurations.
SIS-134369	EdFiErrorLogData	Contains data that should not be in the clustered columnstore index on edfierrorlog.

### Modified Tables

[Added](#)

## Added

SIS	Table	Column	Data Type	Description
SIS-136720	AttendanceExcuse	assignmentBased	bit	Indicates this excuse is modifiable by assignments.
SIS-129488	EarlyInterventionServiceBIE	math	bit	
SIS-129488	EarlyInterventionServiceBIE	reading	bit	
SIS-129488	EarlyInterventionServiceBIE	behavior	bit	
SIS-134369	EdFiErrorLog	resolutionName	varchar(128)	Ed-Fi action that the error was for.
SIS-134369	EdFiErrorLog	periodName	varchar(20)	Used for errors associated with a period.
SIS-134369	EdFiErrorLog	descriptor	varchar(128)	Used for errors associated with an Ed-Fi descriptor.
SIS-134369	EdFiErrorLog	errorType	nvarchar	First part of error message, used to group similar errors.
SIS-134369	EdFiErrorLog	scheduleStructureName	varchar(20)	Used for errors associated with schedule structure.
SIS-134369	EdFiErrorLog	roomName	varchar(20)	Used for errors associated with a room.

SIS	Table	Column	Data Type	Description
SIS-134369	EdFiErrorLog	incidentName	varchar(128)	Ed-Fi incident that the error was for.
SIS-134369	EdFiErrorLog	periodScheduleName	varchar(20)	Used for errors associated with period schedule.
SIS-134369	EdFiErrorLog	programName	varchar(128)	Ed-Fi program that the error was for.
SIS-136288	EnrollmentMO	reportingSchool	varchar(7)	Used when reporting alternative program students.
SIS-136521	Product	purchaseLimit	int	Indicates the maximum amount of a product a user can purchase.
SIS-136521	Product	itemLimited	bit	Indicates if product be limited in purchase-able quantity at the item-level.
SIS-136521	Product	filterID	int	Reference to adhocfilter to determine product eligibility.
SIS-136521	ProductItem	purchaseLimit	int	Indicates the maximum amount of a product item a user can purchase.

SIS	Table	Column	Data Type	Description
SIS-136521	ProductPrice	freeAmount	decimal	Selling price of the item for FRAM free eligibility.
SIS-106546	SIFPublishHistory	endYear	smallint	End year being run for.
SIS-136305	TEDSCO	wbl	varchar(50)	Indicates the experiences the student has had during their CTE program.
SIS-136186	UserAccount	reverifyFrequency	varchar(32)	Preference tied to enhanced security which indicates how frequently a user should be asked to re-authenticate with TOTP.
SIS-136186	UserAccount	totpConfigured	bit	Flag that indicates if a user has ever logged in successfully using TOTP authentication so that we can mark them as successfully configured.

SIS	Table	Column	Data Type	Description
SIS-136186	UserAccount	totpToken	varchar(255)	Token that is generated per user account to be used with time based two factor authentication application. Encrypted.
SIS-136186	UserAccount	enhancedSecurity	bit	Flag that indicates that a user has been marked for enhanced security, which involves things such as mandatory TOTP authentication with strict re-verify times
SIS-136186	UserAccount	totpEnabled	bit	Flag that indicates if user has enabled self-service TOTP that is not controlled at a district level.
SIS-136186	UserDeviceInformation	lastVerifiedTimestamp	datetime2	Timestamp of the most recent time a user has successfully verified, primarily used with TOTP authentication and enhanced user account security.

SIS	Table	Column	Data Type	Description
SIS-106546	ZIAgent_tblServer	endYear	smallint	End year being run for.

## Data Manipulation Language Scripts (DML)

This section lists scripts to add, modify, query, or remove data from a SQL Server database.

Case Number	State	Description
SIS-136805	MT	SCED updates for 20-21.
SIS-136810	AZ	Added new districts.
SIS-136295	BIE	Set StudentSSN to 0 for PortalSelfServiceOptions.
SIS-136878		Replaced daily CDR task with quartz job.
SIS-133644	CO	Immunization Rule Update
SIS-135228	WY	Immunization Rule Update
SIS-137063		Updated COVID assignment sequence.
SIS-136810	AZ	Added New Districts.
SIS-136006	MN	Updated districts.
SIS-136794		Updated MailgunEvent quartz jobs.
SIS-134464	KS	Updated and added districts.