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# Novalnet Installation Guide for SAP Commerce Cloud

Version	Date	Remarks
1.1.0	30.06.2022	[New] Implemented Online bank transfer payment
		[Enhanced] Updated payment logo for sofort payment

For previous version changelog, go to

https://github.com/Novalnet-AG/SAP-Commerce-Cloud-by-Novalnet/blob/main/changelog.txt

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# **1 QUICK SETUP**

This guide describes the quick installation procedure of Novalnet payment module in your shop system and to start accepting payments worldwide. For this integration, a Novalnet merchant account is required, so please make sure that you have received your merchant account details from our sales team. If not, drop a mail to <u>sales@novalnet.de</u>

This Novalnet payment module version (1.1.0) supports the following versions



To get started:

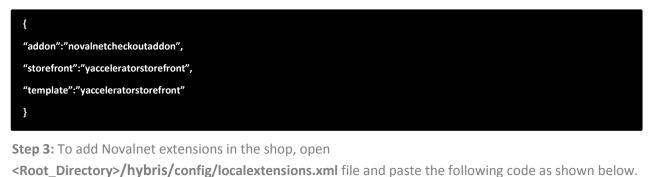
- 1. Log in to the Novalnet Admin Portal with your merchant account details (user credentials)
- 2. Log in to your SAP Commerce Cloud shop system.
- 3. Make sure that you have extracted the payment module package from the zip file you have received. If you have received only the installation guide without the payment module package (zip file), please send us a mail to <u>technic@novalnet.de</u> with your merchant ID.

## 1.1 Module Installation

To install the Novalnet Payment Module, please go to your shop system and follow the steps below.

**Step 1:** Upload the contents of the folder **NovalnetGateway** (which you have extracted from the payment module package/zip file) into your gitlab directory  $\{HYBRIS_BIN_DIR\} \rightarrow Custom$ .

**Step 2:** To add the Novalnet payment module, in the **manifest.json** file in your root directory of SAP Commerce Cloud, include the below code within **storefrontAddons** section.





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**Step 4:** Navigate to **Repository**  $\rightarrow$  **Repository URL**, provide your SAP Commerce Cloud Git repository URL and click **Save** to confirm the changes.

SAP Commerce Cloud		Novalnet AG Novalnet AG_azure_westeurope_0179072561 - AZURE_WE ⑦ C의 다 용
Deployment	Repository	Save
Environments		
[≡] Builds		
Subscription Resources	Repository URL * ssh:// v gt@github.com/Novalnet-AG/SAP-Commerce-Cloud.git	Guide
Repository		To connect your code repository to Commerce Cloud, paste your repository URL into the <b>Repository URL</b> field and click <b>Save</b> .
Security	Public Key ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCzvhh7Q+5KzJW4JEhX/MJvL3afwmUm4f14zzfC7w8bjV/h4W5tWi	Use the Copy to Clipboard link to copy the public key for pasting into
Static Files	Copy to Clipboard Regenerate	the configuration of your repository. To delete an existing SSH key pair and create a new one, click
Site Availability		Regenerate.
8 User Management		
C Extension Factory		

#### Figure 1

**Step 5:** Then generate a new public key by clicking **Regenerate** and click **Copy to Clipboard** to copy the public key and past it into the configuration of your repository.

SAP Commerce Cloud	
Deployment	Repository
Environments	Repository
[≡] Builds	
Subscription Resources	Repository URL •       ssh://     gtt@gthub.com/Novalnet-AG/SAP-Commerce-Cloud.gt
Repository	
Security	Public Key ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCzvhh7Q+5KzJW4JEhX/MJvL3afwmUm4f14zxfC7w8bjV/h4W5tWiWdM0
Static Files	Copy to Clipboard Regenerate
🐼 Site Availability	
A User Management	

Figure 2

**Step 6:** Now, navigate to **Builds**  $\rightarrow$  **Create** in the <u>SAP Cloud portal</u> as shown below.

						,
Deployment						2
Environments	Builds					- <b>-</b>
🗉 Builds 🛛 🛑	1					1
Subscription Resources	Builds					Create
Repository	Name	Source	Last Build	Started 🗸	Finished	
Security	SAP Commerce Build 120 20201125.1	master / Ofa91ee	Success	25/11/2020 11:43:21 AM	25/11/2020 12:01:23 PM	
Static Files	SAP Commerce Build 119 (20201124.5)	master / d854e3a	Success	24/11/2020 05:36:48 PM	24/11/2020 05:54:50 PM	
Site Availability						
S User Management	SAP Commerce Build 118 20201124.4	master / 57c44a5	Success	24/11/2020 01:43:24 PM	24/11/2020 02:01:22 PM	
Extension Factory	SAP Commerce Build 117 (20201124.3)	master / cff84de	Success	24/11/2020 12:25:47 PM	24/11/2020 12:43:37 PM	





Step 7: In the Create Build page, provide the Name and Git Branch or Tag details in the fields and click Save to create the build.

Commerce Cloud				NovalnetAG NovalnetAG_azure_australiaeast_0179212541 - AZURE_AU V	0 🕫	Д РК
Deployment	Builds					
Environments	SAP Commerce				Deploy to E	nvironment
[≡] Builds	Last Build	Source main / 25f3574	Built by \$0021945678	Code 20220630.1		
Subscription Resources	Acces	2205.0	50511545070	20220000.2		
Repository	Started 30/06/2022 11:44:12 AM	Finished 30/06/2022 12:15:15 PM	Duration 31 minutes 3 seconds	Last deployment Deployed		
Security		CONCERNE RELEGIES		History		
Static Files	Actively deployed to d1 D1					
S User Management						

#### Figure 4

Step 8: After the build is created, click Deploy to Environment under Builds as shown below.

SAP Commerce Cloud				NovalnetAG NovalnetAG_azure_australiaeast_0179212541 - AZURE_AU V	0 ¢ 4 💌
Deployment	Builds				
Environments	SAP Commerce				Deploy to Environment
[≡] Builds	Last Build	Source main / 25f3574	Built by \$0021945678	Code 20220630.1	
Subscription Resources	Success	2205.0	30021343070	20220030.1	
Repository	Started 30/06/2022 11:44:12 AM	Finished 30/06/2022 12:15:15 PM	Duration 31 minutes 3 seconds	Last deployment Deployed	
Security				History	
Static Files	Actively deployed to d1 D1				
2 User Management					

#### Figure 5

**Step 9:** In the **Deploy Build** page, choose **Initialize Database** under Data migration mode. Finally, click **Deploy** to complete the installation.

Commerce Cloud			@ \$ \$ @					
Deployment • Environments	Builds / SAP Commerce Build 120 Deploy Build	2> Deploy Cancel						
[≡] Builds								
Subscription Resources	Deployment		Guide					
Repository			Rolling update creates an additional deployment alongside the primary					
Security     Static Files	Target Environment * d1	×	one, routes traffic to it and finally removes the previous one. This way, your site is always available.					
Site Availability	Data Migration Mode *	Deployment Mode *	Recreate shuts down the running deployment and creates a new one based on a selected build. The site is unavailable to your customers during this time.					
8 User Management	No migration required	Recreate (fastest, with downtime)	uuning uns unne.					
C Extension Factory	Migrate data Initialize database							

Figure 6

5



## 1.2 Global Configuration in the SAP Commerce Cloud shop system

The main configuration occurs in your SAP commerce cloud shop system as well as in the <u>Novalnet Admin</u> <u>Portal</u>.

In your SAP commerce cloud shop system navigate to **Base Commerce**  $\rightarrow$  **Base Store**  $\rightarrow$  **<Store**>  $\rightarrow$  **Novalnet**. Enter the following keys as shown below:

- () Product activation key a unique token for merchant authentication and payment processing.
- **()** Payment access key your secret key used to encrypt the data to avoid user manipulation and fraud.
- (1) Tariff ID a unique identifier created based on the tariff type at Novalnet.
- (i) Client key a unique key which is linked with your Novalnet merchant account to authenticate your client based requests. You need the client key to render the secure payment form and tokenize (temporarily) the sensitive information.

Administration Cockpit					3		8 🕗 .
Filter tree (Alt+Down for options)	Search Search						*
Base Commerce 🔶 🚺 🥾	Apparel Store UK						*
Base Store 🔶 2	<b>B 3</b>			Ŷ	↓	Refresh	Save
Order Cancellation Configuration	Properties Locations Novalnet Administration						
Point of Service	Novalnet Global Configuration						*
Warehouse	Product activation key* ⑦ Tariff ID* ⑦	Payment access key* ③	Client Key*				
Stock Level							

Figure 7

To get your **Product activation key**, **Tariff ID**, **Payment access key** and **Client key**, go to the <u>Novalnet</u> <u>Admin Portal</u>, navigate to **PROJECT** menu and click view **\*** icon on the right of your project to view the project details.

N	<b>OVALNET</b> AG =					Q Search	MID 4	A TEST MODE	-	86	۵
	Search	Own Projects 🔻						▶ Cre	ate new	project	
2	Statistic	¢ S.No	Project ID		URL	0	)n-Hold	Activated			
<b>8</b> 2	Dashboard	1	14	SAP COMMERCE CLOUD DEMO SHOP	https://sapcommercecloud.novalnet.de		8	0		<i>8</i> 6 ♠	
t	Invoice & Payout									2	
₽¢.	Additional Services										
#	Projects 🔶 🚺										
	Manual processing										
샡	Network/Affiliate								_	_	

Figure 8



Click API credentials tab, copy the API Signature (Product activation key), Tariff ID, Payment access key and Client key as shown below

			Q Search	MID 4 🔥 TEST	MODE	- 88	• •
Q Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP (14) *				> Crea	ate new pro	oject
🛃 Statistic	Project Overview Payment Methods Fraud Modules Payment form	API credentials					
🚯 Dashboard					> Creat	te new Tari	
≓ Invoice & Payout	Merchant ID	4					
Additional Services	Authentication code	JyEtHUjjbHNJwVztW6JrafiMHQvici					
	Payment access key	a87ff679a2f3e71d9181a67b7542122c					
A Projects	Project ID	14					
Manual processing	API Signature (Product activation key)	n7ibc7obSt doU3HJVoym7MQ44qonbobijblnmdli0p qJEH3gNbeWJfiHah  f7cpn7pc					
嶜 Network/Affiliate	Tarif ID's	SAP COMMERCE CLOUD DEMO TRAIFF	30	•	1		
Subscription	Client Key	0f84e6cf6fe1b93f1db8198aa2eae719	Allowed Domain(s)	₿ Edit	_		
Dunning & Debt collection	<u>-</u>						_

#### Figure 9

Paste the **Product activation key, Tariff ID**, **Payment access key** and **Client key** in the respective fields in your shop system and click **SAVE** to update / save the changes made.

Administration Cockpit				ය් ම		9 🜔
Filter tree (Alt+Down for options)	•	Search				*
Base Commerce	Apparel Store UK					*
Base Store	1			<b>↑</b> ↓	Refresh	Save
Order Cancellation Configuration	Properties Locations Novalnet Administration					
Point of Service	Novalnet Global Configuration					*
Warehouse	Product activation key* ⑦	Tariff ID* ⑦	Payment access key* ⑦	Client Key*		
Stock Level	n7ibc7ob5tjdoU3HJVoym7MQ44qonbobljblnmdli0pjqJE		a87#679a2f3e71d9181a67b7542122c	0f84e6cf6fe1b93f1db8198aa2eae	719	

Figure 10

7



## 1.2.1 Notification/Webhook configuration in the SAP Commerce Cloud shop system

Novalnet Webhooks are used to communicate with your site. Webhook URL configuration is required to keep the merchant's database/system up to date and synchronized with Novalnet (example: up-to-date transaction status delivery).

For Webhook synchronization, navigate to **Environments**  $\rightarrow$  <environment name>  $\rightarrow$  **Services**  $\rightarrow$  **Storefront**  $\rightarrow$  choose **Properties** tab. Add the Novalnet webhook URL **csrf.allowed.url.patterns=(/novalnet/callback)\$** in the properties field.

Finally, click **Save** to update/save the properties.

SAP Commerce Cloud		0 CP 20
Deployment  Centre Environments  Environments  Environments  Subscription Resources	Environments / d1 / Services Storefront Status 1 / Replicas Last Modified By Status 1 / 1 available S0021902734 11/1120020324 PM	Stop ⊕ Restart
Repository		
Security	Replicas Manual Operation History Properties	
Static Files		
Site Availability	Properties	
B User Management	csrf.allowed.url.patterns=(/novalnet/callback)\$	
C Extension Factory		
	2> Save	

Figure 11

#### 1.2.2 Notification/Webhook configuration in the Novalnet Admin Portal

Configure the Webhook Endpoint URL into your <u>Novalnet Admin Portal</u> account by following the below steps,

1. Copy the Webhook Endpoint URL from the shop admin panel and in the <u>Novalnet Admin Portal</u>, navigate to **PROJECT** menu and choose your project as shown in Figure 8.

2. Go to API credentials and click Edit as shown below

N E m I	DVALNET AG						Q Search	MID 4 A TEST MODE	-	•
Q	Search	Own Projects > SAP COMM	MERCE CLOUD DEMO SHO	OP (14) 👻		1		Þ	Create new p	roject
~	Statistic	Project Overview	Payment Methods	Fraud Modules	Payment form	API credentials				
<b>æ</b>	Dashboard	Vendor script UBL / No	tification & Webhook UR							
1	Invoice & Payout									
₽°	Additional Services									
*	Projects									
	Manual processing									
쌸	Network/Affiliate									



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3. Then paste the copied Webhook Endpoint URL into the **Vendor script URL/ Notification & Webhook URL** and click **Update**.

NOVALNET AG	Q search MID 4 🛆 TEST MODE 💻 👪 🛔
<b>Q</b> Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP (14) *
Z Statistic	Project Overview Payment Methods Fraud Modules Payment form API credentials
🚯 Dashboard	1 Create new Tariff
≓ Invoice & Payout	
Additional Services	Vendor script URL / Notification & Webhook URL
📥 Projects	
Manual processing	
警 Network/Affiliate	

Figure 13

The absolute path of the Webhook Endpoint URL must look like the below URL:

## http://www.yourwebsite.com/novalnet/callback

#### 1.2.3 Client key configuration in the Novalnet Admin Portal

Novalnet allows client-side request(s) only from the whitelisted domains under a particular project in the <u>Novalnet Admin Portal</u>. The domain must be valid (secured https://) website. Please follow the below steps to whitelist the domains under the single client key in the <u>Novalnet Admin Portal</u>.

Step 1: Go to the Novalnet Admin Portal.

Step 2: Navigate to the Projects menu and choose your project as shown below

NOVALNET A	≥ AG nt =							Q Search	MID 4	A TEST MODE		4
Q Search		Own P	rojects 🔻							► Creat	te new proje	at
Mathematic Statistic		÷	S.No	Project ID	÷	Project	URL		Dn-Hold	Activated		11
🚯 Dashboard			1	14	SAP CON	IMERCE CLOUD DEMO SHOP	https://sapcommercecloud.novalnet.de		8	0	<i>8</i> 6	
≓ Invoice & Payout											0	
Additional Services												
🛔 Projects 🔶 🚺												
E Manual processing												
嶜 Network/Affiliate												

Figure 14



Step 3: On the project details page click API credentials tab and click details beside Allowed Domain(s) as shown below

			Q Search	MID 4 🔥 TEST	MODE 🖷 🗃 🛔
Q Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP (14) -				Create new project
Statistic	Project Overview Payment Methods Fraud Modules Payment form A	91 credentials			
Dashboard					Create new Tariff
# Invoice & Payout	Merchant ID	- 4			
Additional Services	Authentication code	JyEtHUJJbHNJwVztW6JrafIMHQvici			
(Damagers)	. Payment access key	a87ff679a2f3e71d9181a67b7542122c			
Projects	Project ID	14			
Manual processing	API Signature (Product activation key)	n7ibc7ob5t[doU3HJVoym7MQ44qonbob]jbinmdli0p[qJEH3gNbeWJfiHah][f7cpn7pc			
嶜 Network/Affiliate	Tarif ID's	SAP COMMERCE CLOUD DEMO TRAIFF	30	0	1
C Subscription	Client Key	0f84e6cf6fe1b93f1db8198aa2eae719	Allowed Do	main(s) 🥒 Edit	
Dunning & Debt collection					

#### Figure 15

Step 4: Paste your website URL in the Domain name field and click + Add as shown below

NOVALNET AG					м	ID 4 🔺 TEST MOD	e = (i	a) <u>a</u>
Q Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP	(14) -						roject
🚧 Statistic	Project Overview Payment Methods	Allowed Domain(s)		×				
🚯 Dashboard		S.No	Domain name	Actions 2				ett.
≓ Invoice & Payout			+					
Additional Services		Domain name	https://sapcommercecloud.	E3 Add				
		You can add upto 6 do	mains per project, contact us to configu	re additional domain(s).				
ets Projects			14					
Manual processing								
Network/Affiliate						۰	1	
C Subscription					Allowed Doma	iin(s) 🥜 Edit		
III Dunning & Debt collection								

#### Figure 16

Step 5: After adding the domain names, they are listed under Allowed Domain(s) as shown below

NOVALNET AG			Q Search	MID 4 🛕 TEST MI	IODE 💻 📾 🛔
Q Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP (14) *				Create new project
Statistic	Project Overview Payment Methods Fraud Modules Payment form	API credentials			
🚯 Dashboard					Create new Tariff
≓ Invoice & Payout	Merchant ID	4			
Additional Services	Authentication code	JyEtHUJjbHNJwVztW6JrafiMHQvici			
discourse in the second	Payment access key	a87ff679a2f3e71d9181a67b7542122c			
A Projects	Project ID	14			
Manual processing	API Signature (Product activation key)	n7ibc7ob5t doU3HJVoym7MQ44qonbobljblnmdli0p qJEH3gNbeWJfiHah  f7cpn7pc			
🚰 Network/Affiliate	Tarif ID's	SAP COMMERCE CLOUD DEMO TRAIFF	30	0	1
C Subscription	Client Key	0f84e6cf6fe1b93f1db8198aa2eae719	Allowed Domain	(s) 🥒 Edit	
			https://sapcom/	neercecloud.novalnet.	de
Dunning & Debt collection					





### 1.3 Payment Activation in the Novalnet Admin Portal

All the Novalnet supported payment methods can be viewed here: <u>www.novalnet.com/payment</u> if you have questions on the payment methods or have additional payment method requests, please contact <u>sales@novalnet.de</u>

To activate the <u>preferred payment methods</u> for your website, navigate to <u>Novalnet Admin Portal</u>  $\rightarrow$  **Projects**  $\rightarrow$  choose your project  $\rightarrow$  **Payment Methods**  $\rightarrow$  click **Edit Payment Methods** in the top right corner as shown below

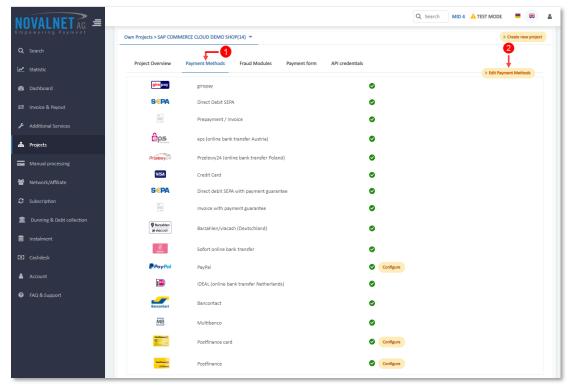


Figure 18

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Now select the preferred payment methods and click **Update** to activate them.

NOVALNET AG				Q Search	MID 4 A TEST MODE		4
Q Search	Own Projects > SAP COMN	MERCE CLOUD DEMO SHOP(14) 💌				Create new project	
🜌 Statistic	Project Overview	Payment Methods Fraud Modules Payment form	API credentials				1
🚯 Dashboard	giropay		_				1
≓ Invoice & Payout	SEPA	giropay Direct Debit SEPA					1
🖉 Additional Services		Prepayment / Invoice					1
🚓 Projects	êps	eps (online bank transfer Austria)					1
Manual processing	Przelewy24	Przelewy24 (online bank transfer Poland)					1
嶜 Network/Affiliate	VISA	Credit Card					1
Subscription	S€PA	Direct debit SEPA with payment guarantee					1
Dunning & Debt collection		Invoice with payment guarantee					1
S Instalment	Barzahlen # viocosh	Barzahlen/viacash (Deutschland)					1
Cashdesk	200 <b>1</b>	Sofort online bank transfer					1
🚨 Account	PayPal	PayPal					1
FAQ & Support	1	iDEAL (online bank transfer Netherlands)					1
	Bancontact	Bancontact					1
	MB	Multibanco					1
		Postfinance card					
	Austriance ) 2 August	Postfinance					
	Update					<ul> <li>Ø</li> </ul>	

#### Figure 19

To use the **PayPal** payment method, configure the PayPal API details in <u>Novalnet Admin Portal</u> as shown below

		Q Search	MID 4 A TEST MO	DE 💻 🤇	6) A	
Empowering Payment Q. Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP (14) *			> Create new	project	
🛃 Statistic	Project Overview Remeret Meridada Remeret form API condentials					
🚳 Dashboard	rogo, overnee regions messoo reas exercis on article and article a			dit Payment Meth	ods	l
≓ Invoice & Payout	Physical Display Contains (C)					
✤ Additional Services	Paysal Configuration					
👍 Projects	APIUser Name*					
Manual processing	API Password*					1
矕 Network/Affiliate	API Signature*					
${oldsymbol{\mathcal{C}}}$ Subscription	Data prosection   imprint   🛛 🕹 🕹 🕹 🕹 🕹 🕹 🕹 Data process the 🖉			C N	ovalnet 2022	1
Dunning & Debt collection	subsciption / follow-up payment (without and user interaction) through Novelines.					
Instalment						

Figure 20

Tel.: +49 89 9230683-19 Fax: +49 89 9230683-11 E-Mail: <u>technic@novalnet.de</u> Tax id: DE254954139



To use the PostFinance card payments, configure Ep2-Merchant ID details in the <u>Novalnet Admin Portal</u> as shown below

		Q Search MID 4 A TEST MODE 📕 👪 🛔
	Own Projects > SAP COMMERCE CLOUD DEMO SHOP[14] *	) Create new project
	Project Overview Payment Methods Fraud Modules Payment form API credentials	
		• Edit Payment Methods
	Postfinance card O Conference Card	
	PostFinance configuration	
	Ep2-Merchant ID	
Network/Affiliate	Updates 🔶 🕄	



To use the PostFinance payments, configure Ep2-Merchant ID details in the <u>Novalnet Admin Portal</u> as shown below

NOVALNET AG		Q Search MID 4 A TEST MODE 🗮 🗃 🛔
<b>Q</b> Search	Own Projects > SAP COMMERCE CLOUD DEMO SHOP(14) *	Creste new project
<u>⊿⊿</u> ≉ Statistic	Project Overview Payment Methods Fraud Modules Payment form API credentials	
🚳 Dashboard		Edit Payment Methods
≓ Invoice & Payout	Postinance Configur - 2	
Additional Services	PostFinance configuration	
A Projects	PostFinance conguration	
Manual processing	Ep2-Merchant ID	
曫 Network/Affiliate	Updan 🔶	

Figure 22



## 1.4 Payment Configuration in the SAP Commerce Cloud shop system

To view the Novalnet payment methods in the shop system, go to **Price Settings**  $\rightarrow$  **Payment Modes**. Select each payment method, and click the **PROPERTIES** tab.

\$	Order	>		+			
ſĭ	Price Settings 🔶 1	~			Identifier $\Leftrightarrow$	Name $\Leftrightarrow$	Is Acti⇔
	Prices	>			novalnetPostFinanceCard	PostFinance Card	true
	Taxes	>			novalnetPostFinance	PostFinance E-Finance	true
	Discounts	>	L		novalnetPrzelewy24	Przelewy24	true
			Ε.		novalnetGiropay	giropay	true
	Delivery Costs				novalnetEps	eps	true
	Payment Modes + 2				novalnetideal	iDEAL	true
۲	Internationalization	>			novalnetBancontact	Bancontact	true
R	Marketing	>	L		novalnetOnlineBankTransfer	Online bank transfer	true
10 ★≡	WCMS	>	<		novalnetInstantBankTransfer	Sofort	true
★≡	Wom5	'			novalnetPayPal	PayPal	true
<i>£</i> 65	Cockpit	>			novalnetBarzahlen	Barzahlen	true
	Base Commerce	~			novalnetMultibanco	Multibanco	true
	Base Store				novalnetPrepayment	Prepayment	true
	Order Cancellation Configuration	ion			novalnetGuaranteedInvoice	Invoice	true
	Point of Service				novalnetInvoice	Invoice	true
	Point of Service				novalnetGuaranteedDirectDebitSepa	Direct Debit SEPA with payment guarantee	true
	Warehouse		-		novalnetDirectDebitSepa	Direct Debit SEPA	true
Save	d queries	7			novalnetCreditCard	Credit/Debit Cards	true

#### Figure 23

Set the status of **Is Active** as **True** to activate the preferred payment methods in the shop system. By default, the payment status will be set as **False**. Finally, click **Save** to save the changes.

Direct Debit SEPA[novalnetDirectDebitSepa]					*
1				↑ ↓ Refresh	Save
Properties Transaction costs Administration					
Properties					*
Payment Info Type*	Is Active*	Description	Supported Delivery Modes		
Payment Info [PaymentInfo]	True O False	The amount will be debited from your account by Novalnet			
Novalnet payment configuration					*
Enable test mode*	Notification for the buyer ③	Payment due date (in days) ③	Order completion status ③		
O True 💽 False			Completed		<b>_</b>
Payment Action*  CAPTURE	Minimum transaction amount for authorization (in minimum unit of currency, E g, enter 100 which is equal to 1.00) $$	One-tick shopping*			

#### Figure 24

Refer chapter <u>3 ADDITIONAL CONFIGURATION</u> for more payment configurations.

(i) If you have any recommendations or suggestions for improvement, kindly share your thoughts with us on <u>technic@novalnet.de</u> or call us at +49 89 9230683-19.

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# 2 TESTING AND GOING LIVE

Execute test transactions for individual payment methods, please make sure that you have enabled test mode in the **NOVALNET PAYMENT CONFIGURATION**. This can be done through the individual payment configuration page as shown in the image below. Finally, click **Save** to save the changes.

Direct Debit SEPA[novalnetDirectDebitSepa]						*
				↑ ↓	Refresh	Save
Properties Transaction costs Administration						
Properties						*
Payment info Type*	Is Active*	Description d	Supported Delivery Modes			
Payment Info [PaymentInfo]	True     False	The amount will be debited from your account by Novalnet				
Novalnet payment configuration						*
Enable test mode*	Notification for the buyer 🕲	Payment due date (in days) ①	Order completion status ③			
True     False			Completed			~
Payment Action* 🛞	Minimum transaction amount for authorization (in minimum unit of currency. E. g. enter 100 which is equal to $1.00$ ) $\odot$	One-click shopping*				
CAPTURE V		○ True  ● False				
				_		_

Figure 25

- (i) Before going Live, once again save the individual payment configurations to update the payment method settings in the shop admin panel.
- (i) Refer this URL for the Novalnet test payment data: <u>https://developer.novalnet.de/testing/</u>

## **Execute orders in LIVE MODE**

To proceed with **LIVE** orders, don't forget to uncheck/disable the **Enable test mode** option in the individual payment configuration page.

(i) If you have any recommendations or suggestions for improvement, kindly share your thoughts with us on <u>technic@novalnet.de</u> or call us at +49 89 9230683-19.

## **3** ADDITIONAL CONFIGURATION

## 3.1 Additional configuration for all the payment methods

For additional payment configuration settings for each payment methods, navigate to **Price Settings**  $\rightarrow$  **Payment Modes**, click each payment method to configure the required additional payment settings.

## Notification for the buyer

Text entered in this field will be displayed on the payment checkout page. The message can be for example: *Thank you for shopping with us.* 

Notification for the buyer ⑦				
Thank you for shopping with us				

Figure 26

## Description

Provide the payment description that will be displayed in the checkout page.

Description

The amount will be debited from your account by Novalnet

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Figure 27



## Payment Action (Debit immediately / Reserve funds for later)

This option is available only for Credit/Debit Cards, Direct Debit SEPA, Direct Debit SEPA with
payment guarantee, Invoice, Invoice with payment guarantee and PayPal.

You can choose between two options – Capture and Authorize which are both explained below

(i) Capture - This is the default setting where payments are directly executed, and funds are automatically transferred from buyer's account to the merchant account while placing an order. This can be changed as per your business requirement.

Payment Action* 📎		
CAPTURE	~	

#### Figure 28

- () Authorize Payment details are verified while the funds are reserved, which will be captured later.
- (i) Minimum transaction amount for authorization Transactions from this amount will be "authorized" (reserved) only and captured later. Leave the field blank to authorize all transactions.

1	Payment Action* 📎			linimum transaction amount for authorization (in minimum unit of currency. E. , enter 100 which is equal to 1.00) (?)
	AUTHORIZE	$\sim$	-	

Figure 29

## Payment due date (in days)

**Payment due date (in days)** refers to the duration (number of days) given for the buyer to complete the payment. The payment process and duration may differ for each payment method.

This option is available only for **Direct Debit SEPA**, **Direct Debit SEPA with payment guarantee**,

Invoice, Prepayment and Barzahlen.

Payment due date (in days) ⑦	
Figure 30	

- (i) For *Direct Debit SEPA & Direct Debit SEPA with payment guarantee,* enter the number of days after which the payment is debited (must be greater than 7 days).
- (i) For *Invoice*, enter the number of days given to the buyer to transfer the amount to Novalnet (must be greater than 7 days). If this field is left blank, 14 days will be set by default.
- (i) For **Prepayment**, enter the number of days given to the buyer to transfer the amount to Novalnet (must be greater than 7 days). If this field is left blank, 14 days will be set by default.
- (i) For *Barzahlen*, enter the number of days given to the buyer to pay at a store nearby. If this field is left blank, 14 days will be set by default for slip expiry.

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## **Order completion status**

Set the status that will be used for completed orders.

Order completion status ③				
Completed ~				

Figure 31

#### Callback/Webhook order status

This option is available only for **Invoice**, **Prepayment**, **Barzahlen** and **Multibanco**.

Set the status that will be applied for orders when Webhook/callback script returns order success status.

Callback / webhook order status 🕜			
Completed	~		

Figure 32

#### Payment guarantee configuration

When the basic requirements are met, Novalnet offers you the option to process payments as guaranteed payments. For more information about Novalnet's payments guarantee,

Please visit: https://developer.novalnet.de/onlinepayments/aboutguarantee

#### **Force Non-Guarantee payment**

This option is available only for Direct Debit SEPA with payment guarantee and Invoice with payment

#### guarantee.

Enable this option to process payments as non-guarantee payments when the guarantee conditions are not met.

Force non-guarantee payment (Make sure the Direct Debit SEPA payment is enabled to use this option.)\*

● True ○ False

Figure 33

#### 3.2 Additional configuration for Novalnet Credit/Debit Cards

#### **Custom CSS settings**

If you wish to change the default design of the Novalnet Credit/Debit Cards form (for example to use your corporate identity), you can do it here. Leave this field unchanged to use the default settings.

CSS	S settings for Credit Card iframe		
Labe	1	Input field	CSS Text
for	nt-family: Raleway,Helvetica Neue,Verdana,Arial,sans-serif;font-size: 13px;f	color: #636363;font-family: Helvetica Neue,Verdana,Arial,sans-serif;font-size:	

Figure 34

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# 4 MANAGING SAP COMMERCE CLOUD ADMIN PANEL

## 4.1 Order Management

Manage your orders and view their details under **Order**  $\rightarrow$  **Orders** menu in your shop admin panel as shown below

٩	Catalog	>			
	Multimedia	>			
8ª	User	>			
3	Order 🔶 🚺	~			
	Orders 🔶 2				
Order Entries					
Figure 35					

#### 4.2 Transaction Overview

Click the order number to see the overview of the Novalnet transaction details for that order.

*	Search
☐ Order Nr. ۞ Date ۞	Total Price 🗄 User
00010039 Jun 30, 2022, 5:01:54 PM	M €22.73 test user [test@novalnet.de]
00010037 Jun 30, 2022, 5:00:57 PM	I €22.73 test user [test@novalnet.de]
00010035 Jun 30, 2022, 4:58:37 PM	√ €22.73 test user [test@novalnet.de]
00010033 Jun 30, 2022, 4:57:59 PM	M €22.73 test user [test@novalnet.de]

#### Figure 36

You can view the Novalnet transaction details of the selected order by navigating to **TRACKING**  $\rightarrow$  **DETAILS** as shown below

Edit item OrderHistoryEntry[8796421326802]		×
<b>• •</b>	Refresh	Save
Properties Tracking Administration		
Essential		*
Order* ③		
00010031 - Norbert Maier [test@novalnet.de] - Jun 30, 20		
Details 🔶 2		*
Description ③	Documents 🕥	
Novalnet transaction id : 14585400011826513		•
·		

#### Figure 37

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# **5 UNINSTALLATION**

To uninstall the Novalnet Payment Module, please follow the below steps.

**Step 1:** Open the file path: **<Root\_Directory>/bin/platform** in your terminal and run the below command to uninstall the Novalnet Payment Module.

ant addonuninstall -Daddonnames=novalnetcheckoutaddon -DaddonStorefront.yacceleratorstorefront=yacceleratorstorefront

**Step 2:** To remove novalnetcheckoutaddon file from the shop, open the file path: <**Root\_Directory>/config/localextensions.xml** and remove the below code under <**/extensions>**.

Search the below line	
Remove the following code above the searched line	
<extension name="novalnetcheckoutaddon"></extension>	

# 6 TECHNICAL SUPPORT THROUGH NOVALNET

For any questions or further enquiries please contact one of the following departments as per your requirement. Our in-house experts are ready to assist you in case of queries or issues.

For installation assistance contact <u>technic@novalnet.de</u> or call +49 89 9230683-19.

For a **merchant account, new payment module or additional payment methods**, please contact <u>sales@novalnet.de</u> or call +49 89 9230683-20.

If you have any recommendations or suggestions for improvement, kindly share your thoughts with us to develop our payment modules further to <u>technic@novalnet.de</u> or call us at +49 89 9230683-19.

For our License details see for Freeware License Agreement.

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