



SAP Ariba 

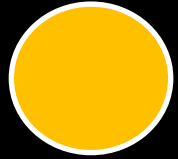
Guided Buying Customer Success Session Browser Network Panel

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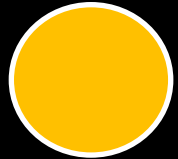
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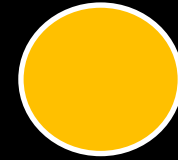
Agenda



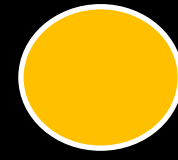
Introduction to the Network tab



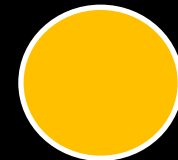
Troubleshooting issues with the Network Panel



smSupplier call



Supplier and Touch policy



Q & A

Network panel

- The **Network** panel is used to find and solve **network** issues.
- The Network panel can be used when we need to make sure that resources are being downloaded or uploaded as expected. The most common use cases for the Network panel are:
 - Inspecting the properties of an individual resource, such as its HTTP headers, content, size, and HTTP Request status.
 - To check requests and their responses.
- In order to open the DevTools you can use the following shortcuts:
 - F12
 - CTRL + SHIFT + J

Troubleshooting issues with the Network Panel

- The network panel can be used to check the requests done by the Guided Buying application
- This allows us to see if the requests were completed or not.
- The most common HTTP response status codes are:
 - 200 – OK
 - 400 – Bad Request
 - 500 Internal Server Error
- In Guided Buying when a status 500 code is returned it comes along with a **Server exception error message**.

Success requisition status

The screenshot displays the SAP Guided Buying interface for a 'Non-catalog request'. The product details are as follows:

Product name	Category
ariba	Accessory or supply kits for typewriters

Description
ariba

Quantity	Unit of measure	Unit price
1	each	€1.00 EUR

Supplier

Chosen supplier: **SkyZ**
Prague, Hlavní Město Praha
Vendor ID skyz Network ID AN01396364688-T
Contact information: No contact information available

Buttons: View all suppliers, Clear selection, Show recommended suppliers

Network Developer Tools:

- Filter: All, XHR, JS, CSS, Img, Media, Font, Doc, WS, Manifest, Other, Has blocked cookies, Blocked Requests
- Name: smSupplier?commodityCode=&companyCo..., v1_worker_wrapper.html, trackdata, AN01396364688-T, AN01396364688-T, supplier_2.jpg, v1_worker_wrapper.html, AN01396364688-T.gif, trackdata, addAdhocToCart?evalType=policy-validation, shoppingCart, noimage, v1_worker_wrapper.html, trackdata
- General: Request URL: https://s1.ariba.com/gb/tenant/Chreg:2944610c7eccb6fa9dff613a8/shoppingCart/addAdhocToCart?evalType=policy-validation, Request Method: POST, Status Code: 200, Remote Address: 216.109.105.16:443, Referrer Policy: strict-origin-when-cross-origin
- Response Headers: Cache-Control: no-cache, no-store, must-revalidate, Connection: Keep-Alive, Content-Encoding: gzip, Content-Length: 978, Content-Security-Policy: frame-ancestors 'self' *.ariba.com, Content-Type: application/json; charset=UTF-8, Date: Fri, 23 Oct 2020 23:28:49 GMT, GBProcessingNode: 13527315667, Keep-Alive: timeout=30, max=98, Server: Apache, Strict-Transport-Security: max-age=31536000, Vary: Accept-Encoding, X-XSS-Protection: 1; mode=block
- Request Headers: Accept: application/json, text/plain, */*, Accept-Encoding: gzip, deflate, br, Accept-Language: en-US,en;q=0.9, Connection: keep-alive, Content-Length: 570, Content-Type: application/json; charset=UTF-8, Cookie: NG_TRANSLATE_LANG_KEY=%22en-us%22; AH5SOAac69ca; gbsioecv2=false; auc_ctxt_tag_list=%7B%22C%22activity%22%3A%5B%22buy%22%5D%2C%22loc%22%3A%22%5D%7D, Host: s1.ariba.com

Error requisition status

The screenshot displays the SAP Guided Buying interface for a "Non-catalog request". The form includes fields for Product name (ariba), Category (Accessory or supply kits for typewriters), Description (ariba), Quantity (1), Unit of measure (each), and Unit price (1 EUR). The chosen supplier is SkyZ, located in Prague, Hlavní Město Praha, with Vendor ID skyz and Network ID AN01396364688-T. The interface also shows a "Show recommended suppliers" link.

On the right, the browser's Network tab is open, showing a list of requests. The request "addAdhocToCart?evalType=policy-validation" is highlighted, and its status is 500 (Internal Server Error). The request details show the Request URL, Request Method (POST), Status Code (500), Remote Address (216.109.105.16:443), and Referrer Policy (strict-origin-when-cross-origin). The Response Headers and Request Headers are also visible.

Error message on the network panel

The screenshot displays the SAP Guided Buying interface for a 'Non-catalog request'. The form includes fields for Product name (ariba), Category (Accessory or supply kits for typewriters), Description (ariba), Quantity (1), Unit of measure (each), and Unit price (1 EUR). The supplier section shows 'Chosen supplier' as SkyZ, located in Prague, Hlavní Město Praha, with Vendor ID skyz and Network ID AN01396364688-T. The network panel on the right shows a list of requests, with the error message highlighted: 'errorAuditCode: "Server Exception:GBApp-16827300@app684.srv/2020-10-23 16:35:33"'.

Guided Buying

Non-catalog request

Add to cart Cancel

Product name * ariba

Category * Accessory or supply kits for typewriters

Description * ariba

Quantity * 1 Unit of measure * each Unit price * 1 EUR

Supplier

Chosen supplier

SkyZ

Prague, Hlavní Město Praha

Vendor ID skyz

Network ID AN01396364688-T

Contact information

No contact information available

Show recommended suppliers

Network panel error message:

```
errorAuditCode: "Server Exception:GBApp-16827300@app684.srv/2020-10-23 16:35:33"
```

smSupplier Call

- The **smSupplier call** show us the parameters being used by Guided Buying to search and filter the Suppliers that will be displayed for the user.
- This call can be seen in several situations like when an user access a tile, a form or selects a category while creating a non-catalog request.
- This call uses parameters such as commodityCode, companyCode, keyword, minimumPreferredLevel, purchaseOrg and purchasingUnit to build the search used by Guided Buying to communicate with SM (Supplier Management) to retrieve the suppliers.

smSupplier Call

Guided Buying

Request for company - IDES AG (1000)

43

1

G

Non-catalog request

Add to cart

Cancel

Product name *

Category *

Office supplies

Description *

Quantity *

-

+

Unit of measure *

each

Price *

USD

per

1

each

Supplier

View all suppliers

Recommended suppliers for you

Preferred



Global Commodity
ID 110055
Pittsburgh, PA

Preferred



RFQ Colgate Supplier
ID 9876541
Pittsburgh, PA

Preferred



RFQ SAP-Colgate
Supplier
ID 98765411
Pittsburgh, PA

Preferred



RFQ CR Supplier
ID 987654112

More

Elements

Console

Sources

Network

Performance

Memory

Application

Security

Lighthouse

Filter

Hide data URLs

All

XHR

JS

CSS

Img

Media

Font

Doc

WS

Manifest

Other

Has blocked cookies

Blocked Requests

100000 ms

200000 ms

300000 ms

400000 ms

500000 ms

600000 ms

700000 ms

800000 ms

Name

X

Headers

Preview

Response

Initiator

Timing

Cookies

☐ smSupplier?commodityCode=4412...

☐ v1_worker_wrapper.html

☐ trackdata

☐ AN01250836288-T

☐ AN01249543667-T

☐ AN01250993249-T

☐ AN01476262100-T

☐ AN01000022806-T

☐ AN01421388373-T

☐ an01468930692-t

☐ AN01422064780-T

☐ SSOActions

☐ notifications

General

Request URL: https://s1.ariba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aedd10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit

Request Method: GET

Status Code: 200

Remote Address: 216.109.105.16:443

Referrer Policy: strict-origin-when-cross-origin

Response Headers

view source

Cache-Control: no-cache, no-store, must-revalidate

Connection: Keep-Alive

Content-Encoding: gzip

Content-Length: 2767

Content-Security-Policy: frame-ancestors 'self' *.ariba.com *.sapariba.cn

Content-Type: application/json;charset=UTF-8

Date: Tue, 06 Oct 2020 22:20:06 GMT

GBProcessingNode: 14127307681

Keep-Alive: timeout=30, max=97

Server: Apache

Strict-Transport-Security: max-age=31536000

Vary: Accept-Encoding

X-XSS-Protection: 1; mode=block

Request Headers

view source

Accept: application/json, text/plain, */*

Accept-Encoding: gzip, deflate, br

Accept-Language: en-US,en;q=0.9,pl;q=0.8

Connection: keep-alive

Cookie: NG_TRANSLATE_LANG_KEY=%22en-us%22; _ga=GA1.2.1410079541.1561985152; _mktotrck=id:407-PHQ-501&token:_mch-ariba.com-1563297382267-87195; LPVID=MyM2EzYTIxOGQyNjU0ODg1; AMCV_B68602BE5330943C0A490D4C%40AdobeOrg=1075005958%7CMCIDTS%7C18328%7CMCID%7C52384726990209646923498346589408597683%7CMCAAMLH-1584119593%7C4%7CMCAAMB-1584119593%7CRKhpRz8krq2tL06pguXlp5o1kAcUniQYPHaMwJgdJ3xzPwQmdj0y%7CMCOPTOUT-1583521994s%7CNONE%7CMCAID%7CNONE%7CvVersion%7C4.4.1; mbox=PC#11646c9e4690400697ad06d6e112703b.17_0#1646759596jseesion#55a3a462afce41d49466e5421539ce04#1583516655; DefaultTabForprod=arches5; DefaultTabForprodeu=mon;

13 requests

10.3 kB transferred

26.3

smSupplier Call

- Let's check the smSupplier call from the image from the last slide and check the parameters used one by one:

<https://s1.ariba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aeed10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit>

- **CommodityCode:** is the commodity code selected in the category field of the non-catalog request created in the example. But in different scenarios it could be the commodity code mapped to a form tile or other tiles types that request a commodity code value when created.

smSupplier Call

<https://s1.riba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aeed10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit>

- **CompanyCode:** is the Company Code assigned for the user that is creating the request. In case you're buying On Behalf Of another user or Company Code the value will change to match with the user or company you've chosen.

smSupplier Call

<https://s1.riba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aeed10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit>

- **Keyword:** this field is populated with the search terms/keywords used to search for a supplier when selecting the "View all suppliers" option while creating a request. This field is also populated when selecting the "Browse all" option in the Vendor field while in checkout page.

smSupplier Call

<https://s1.ariba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aeed10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit>

- **MinimumPreferredLevel:** this field tells SM to return preferred suppliers that meet the criteria, along with the other parameters that are used to qualify/preferred suppliers (commodity code and region). The preferred supplier level goes from 0-5. In the example above we're telling that we want any record that has a preferred level ≥ 1 .

smSupplier Call

<https://s1.ariba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aeed10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit>

- **PurchaseOrg:** this parameter is usually seen when purchasing On behalf of another user or company code. Just like in the Company Code parameter, this parameter will show the Purchase Organization that matches with the user or company you've chosen.

smSupplier Call

<https://s1.ariba.com/gb/tenant/Support-GB/user/5ee55df0d1ff39ec2b86fb0e9fdca3d4e82e51e209d455c709ac038613aeed10/smSupplier?commodityCode=4412&companyCode=1000&keyword=&minimumPreferredLevel=1&purchaseOrg=3000&purchasingUnit=HenriqueUnit>

- **PurchasingUnit:** is the Purchasing Unit assigned for the user that is creating the request. In case you're buying On Behalf Of another user the value will change to match with the Purchasing Unit assigned to the user you've chosen.

smSupplier Call

- **SmVendorName:** This parameter is not present in the example seen. This parameter tell us the name of the supplier being searched in the Guided Buying global search bar found in the application homepage.

Supplier and Touch Policy

- Using the Browser Dev Tool you can check the Policy Name, Sourcing template and many other information being used.
- **PolicyCheck has most of the information you need to check.**

PolicyCheck

Guided Buying

28

1

H

<

RFQ test no field

Request Quotes

Cancel

Provide a description to help users understand what the form is for.

Title *

Estimated price *

100

USD ▾

Respond by date *

10/14/20

HenriqueUnit RFQ

Your request was sent to the supplier

Available suppliers in your area: US

● Preferred

110055

Global Commodity

Pittsburgh, PA

Primary contact

Global Commodity User 1

Add to favorites

The screenshot shows the Chrome DevTools Network tab with a REST client request. The 'Preview' tab is selected, displaying the response body as JSON. A red box highlights the 'policyOutputContainer' object, which contains a 'policyOutputMap' with a 'HEADER' field. The 'HEADER' field contains an array of objects, each with 'executionStatus' and 'executionResult'.

```

{
  "messages": [
    {
      "valid": true,
      "message": "Your request was sent to the supplier",
      "severity": "Info",
      "..."
    }
  ],
  "oboContext": {
    "user": null,
    "companyCode": null,
    "companyCode_pu": null,
    "companyCode_puHierarchyPath": null,
    "..."
  },
  "onBehalfOfContextObject": {
    "user": null,
    "companyCode": null,
    "companyCode_pu": null,
    "companyCode_puHierarchyPath": null,
    "..."
  },
  "optionalForms": null,
  "policyJustification": null,
  "policyJustificationsMap": {},
  "policyOutputContainer": {
    "policyOutputMap": {
      "HEADER": [
        {
          "executionStatus": "Info",
          "executionResult": "Your request was sent to the supplier",
          "..."
        }
      ],
      "0": {
        "executionStatus": "Info",
        "executionResult": "Your request was sent to the supplier",
        "..."
      }
    }
  },
  "purpose": null,
  "recommendation": null,
  "region": null,
  "reqlineItemId": null,
  "requestQuotesCombinedValuesMap": {
    "Suppliers.PreferredLevel.1.Count": "0",
    "Suppliers.PreferredLevel.5.Count": "0",
    "..."
  },
  "requestQuotesSupplierMap": {
    "Suppliers.PreferredLevel.1.Count": [],
    "Suppliers.PreferredLevel.5.Count": [],
    "..."
  },
  "requester": null,
  "requesterChooserResponse": null,
  "requisitionId": null,
  "requisitionInactive": null,
  "resourceType": "Form",
  "respondByDate": {
    "id": "3",
    "forceRefresh": false,
    "required": true,
    "disableDefaulting": false,
    "type": "datetime",
    "..."
  },
  "rfqBeanAttributeMap": {
    "Form.Title": "RFQ test no field",
    "Suppliers.Count": "0",
    "price": "100",
    "price.currency": "USD",
    "..."
  },
  "rfqFormContainer": null,
  "rfqFormItem": {
    "rfqId": null,
    "rfqType": null,
    "rfqUIBean": null,
    "rfxdocumentBean": null,
    "shipTo": null,
    "shipToChooserResponse": null,
    "shouldEvaluatePolicyOnFormChange": true,
    "sourcingRequestName": null,
    "sourcingTemplateName": "WS2219344849",
    "status": null,
    "statusDescription": null,
    "supplierSelectionPolicyOutput": {
      "supplierChooserTemplateMap": null,
      "supplierAttributeNames": [
        "Minimum Preferred Level",
        "..."
      ],
      "title": {
        "id": "2",
        "forceRefresh": false,
        "required": true,
        "disableDefaulting": false,
        "type": "text",
        "name": null,
        "valid": true
      }
    }
  }
}

```

Validation Policy

- Using the Browser Dev Tool you can check the policy name, type of policy and many other information being used.
- Validation policies are evaluated in one of the following situations:
 - Clicking **Add to cart** when creating an ad hoc request
 - Clicking **Add to cart** when filling out a line-item form (ReqForm)
 - Clicking **Check out** in the shopping cart

Checkout?browserRequestId...

62

MH

Guided Buying

gwrq

Checkout / PR7082

Submit

Save and exit

Ship to

Manage locations

Charge to

Manage details

Total cost

\$600.00 USD

MVI Aliso Viejo MFG

Pittsburgh, PA 15222

United States

Cost Center ((no value))

Show additional details

Items (1)

This item contains missing or incorrect information.

This item has or requires multiple justifications [Click here for more details](#)

Boolean Multilanguage: You are buying an ad hoc item.

gwrq

(no value)

Quantity

1

Unit of Measure

each

Amount

\$600.00 USD

Price

600 USD

1

Name

gwrq

Vendor

No supplier selected

Description

gwrq

Contact supplier location

(no value)

Elements

Console

Sources

Network

Performance

Memory

Application

Security

Audits

Filter

Hide data URLs

XHR

JS

CSS

Img

Media

Font

Doc

WS

Manifest

Other

Only show requests with SameSite issues

Name

Headers

Preview

Response

Initiator

Timing

Cookies

addAdhocToCart?...

shoppingCart

noimage

checkout?browser...

buyerBooleanPara...

shoppingCart

PopularPage

buyerIntParameter...

buyerListParamete...

noimage

%7B%7Bfield.valu...

sap-ariba-icon-fo...

updateProcessFlow

v1_worker_wrappe...

en_f941865d-40d...

trackdata

fontawesome-we...

isTLCEnabled: false

netTotal: null

taxAmount: null

chargeAmount: null

discountAmount: null

shipping: null

valid: false

messages: null

dottedPathFieldValues: {LineItems[1].PurchaseGroup.UniqueName: "100", LineItems[1].cus_SinglePriceLong: 600,...}

isShoppingCart: true

policyJustification: null

policyJustificationsMap: {}

budgetCheckEnabled: false

mapPosByStatus: null

mapReservationsByStatus: {}

policyOutputContainer: {policyOutputMap: {1: [{executionStatus: "Justification",...}]}}

policyOutputMap: {1: [{executionStatus: "Justification",...}]}

1: [{executionStatus: "Justification",...}]

0: {executionStatus: "Justification",...}

executionStatus: "Justification"

executionResult: "Choose a reason why you're ordering so much Ad hoc office supplies"

justificationReasons: ["Not available in catalog or spot buy", "I don't know which supplier to choose"]

policyElementIds: ["1"]

policyName: "Ad hoc office supplies HenriqueUnit"

hasJustificationReasons: true

1: {executionStatus: "Info", executionResult: "You are buying an ad hoc item.", justificationReasons: [],...}

executionStatus: "Info"

executionResult: "You are buying an ad hoc item."

justificationReasons: []

policyElementIds: ["1"]

policyName: "Boolean Multilanguage"

hasJustificationReasons: false

2: {executionStatus: "Justification",...}

executionStatus: "Justification"

executionResult: "Choose a reason why you're ordering so much Ad hoc office supplies"

justificationReasons: ["Not available in catalog or spot buy", "I don't know which supplier to choose"]

0: "Not available in catalog or spot buy"

1: "I don't know which supplier to choose"

policyElementIds: ["1"]

0: "1"

policyName: "Ad hoc office supplies"

hasJustificationReasons: true

budgetCheckValid: true

relationships: {MandatoryItemRelationships: {}}

showCopyWarningForPunchOutItem: false

hasOnlyPunchOutItems: false

hasSpotBuyItems: false

17 requests

118 KB

Policy Check Documentation

- [How to configure your supplier and touch policies](#)
- [Supplier and touch policy file](#)
- [Unable to submit RFQ in Guided Buying](#)
- [Validation policy file](#)
- [Validation policy doesn't fire in guided buying for supplier-oriented fields on requisition line items](#)

Q&A

